Surface Water Data

Atlantic Provinces

Données sur les eaux de surface

Provinces de l'Atlantique

1986

INLAND WATERS/LANDS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1987

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
ET DES TERRES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1987

Canada

87-05371/

WILDLIFE 19 87 FAUNE

Gaining Momentum
Un nouvel essor

In 1887, Prime Minister Sir John A. Macdonald made an announcement of unprecedented environmental awareness. He announced the creation of the first Wildlife Sanctuary in Canada at Last Mountain Lake in Saskatchewan. This foresight in preserving an important site for migratory birds is readily appreciated in present times and is being recognized by officially declaring 1987 to be a year marking 100 years of wildlife conservation in Canada—Wildlife '87.

The Water Resources Branch is pleased to participate with the Canadian Wildlife Service in the celebration of Wildlife '87. Water is a vital element for all wildlife and the use of water data is critical to the wise management of waterfowl and many other wetland species.

The theme for Wildlife '87, "Gaining Momentum", is a reflection of the growing concern for wildlife conservation among Canadians. Recent surveys by the Canadian Wildlife Service have indicated that in 1981 about 80% of Canadians felt it was very important to maintain abundant wildlife and an even higher percentage participated in some form of wildlife-related activity.

The Canadian Wildlife Service has had a longstanding commitment to the conservation of wildlife. From its origin in the National Parks Branch of the Department of the Interior, it has emerged as an integral part of the current Department of Environment. Until the 1960s, the Canadian Wildlife Service mainly carried out research and management for migratory birds and acted as an advisory agency for Canadian wildlife issues. Subsequently, it has developed programs to provide wildlife information to the public, to protect species in danger of extinction and to conduct research and purchase land to preserve all wildlife.

The Canadian Wildlife Service has played an active role in Wildlife '87 and will continue to do so. By hosting the international RAMSAR Convention (May-June) and CITES Conference (July), attention will be drawn to the need to preserve wetlands and endangered species. The Canadian Wildlife Service will also coordinate the signing of management agreements and the designation of a number of wildlife conservation areas during 1987. These activities will identify wildlife problems and demonstrate the capability to arrive at cooperative solutions. It will be vital that Canadians continue to reach such cooperative solutions if wildlife is to survive the coming 100 years.

En 1887, le premier ministre Sir John A. Macdonald a fait une annonce qui dénotait une conscience sans précédent des problèmes relatifs à l'environnement. Il s'agissait de l'annonce de la création du premier refuge de faune au Canada, au lac Last Mountain, en Saskatchewan. L'esprit avant-gardiste et la prévoyance de ces efforts de conservation d'un site aussi important pour les oiseaux migrateurs, aujourd'hui bien plus aisément appréciés, sont officiellement reconnus par la déclaration de 1987 comme année marquant cent ans de conservation de la faune au Canada, sous la désignation de "Faune '87".

La Direction des ressources en eau est heureuse de se joindre au Service canadien de la faune dans la célébration de Faune '87. L'eau est un élément essentiel à la survie de toute faune, et les données sur celle-ci extrêmement nécessaires à la bonne gestion de la sauvagine et d'un grand nombre d'espèces vivant dans les terres humides.

Le thème choisi pour Faune '87, "Un nouvel essor", vise à refléter l'intérêt croissant des Canadiens pour la conservation de la faune. Des enquêtes menées récemment par le Service canadien de la faune indiquent qu'en 1981, environ 80 % des Canadiens accordaient une très grande importance à la préservation de l'abondance de la faune et qu'un pourcentage encore plus élevé s'adonnait à quelque forme d'activité reliée à la faune.

L'engagement de longue date du Service canadien de la faune à la conservation de la faune remonte à ses premiers jours comme Direction des parcs nationaux de l'ancien ministère de l'Intérieur. Le SCF est ensuite devenu partie intégrante de l'actuel ministère de l'Environnement. Jusqu'à dans les années 60, il effectuait principalement des recherches sur les populations et la gestion des oiseaux migrateurs et agissait à titre d'organisme consultatif pour les questions touchant à la faune du Canada. Le SCF s'est plus récemment doté de programmes d'information du public sur la faune, de protection des espèces menacées d'extinction et de recherche et d'acquisition de terres, pour assurer non seulement la protection des oiseaux migrateurs mais celle de toute la faune en général.

Le SCF a joué un rôle actif dans l'organisation de Faune '87 et continuera de le faire. Pendant la tenue au Canada de la Conférence internationale de RAMSAR à la fin mai début juin et de la CITES en juillet, l'attention sera attirée sur la nécessité de préserver les terres humides et les espèces menacées. Le SCF coordonnera aussi la signature d'accords de gestion et la désignation d'un certain nombre de zones de conservation en 1987. Ces activités mettront en valeur les problèmes dans le domaine de la faune et démontreront la possibilité d'y apporter des solutions coopératives. Il sera absolument essentiel pour assurer la survie de la faune au cours des cent prochaines années que les Canadiens continuent à parvenir à de telles solutions.

Published by authority of
the Minister of the Environment

Publié avec l'autorisation
du ministre de l'Environnement

© Minister of Supply and Services Canada 1987

Cat. No. En 36-405/1986

ISBN 0-662-55243-1

© Ministre des Approvisionnements et Services Canada 1987

N° de cat. En 36-405/1986

ISBN 0-662-55243-1

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Dartmouth, Nova Scotia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Dartmouth (Nouvelle-Écosse).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

PAGE

Preface . . . iii
Introduction . . . iv
Organization and History of Hydrometric Survey Operations . . . v
Co-operation and Acknowledgments . . . v
Equivalents of Measure . . . vii
Definition of Terms and Abbreviations . . . viii
Publication of Surface Water and Sediment Data . . . viii
Method of Tabulation of Surface Water Data . . . x
Revisions . . . xii
Accuracy of Hydrometric Data . . . xiii
Microfiche . . . xiii
Surface Water Data, Gauging Stations in Alphabetical Order
- Newfoundland and Labrador . . . 1
- New Brunswick . . . 51
- Nova Scotia . . . 94
- Prince Edward Island . . . 119

Alphabetical Index . . . 125
Station Number Index . . . 129

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1986 calendar year, the results of the hydrometric survey investigations which were made in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
5th Floor, Queen Square,
45 Alderney Drive,
Dartmouth, Nova Scotia.
B2Y 2N6
(902 426-5778)

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-1508).

TABLE DES MATIÈRES

PAGE

Préface . . . iii
Introduction . . . iv
Organisation et historique des relevés hydrométriques . . . v
Coopération et remerciements . . . v
Équivalences des unités de mesure . . . vii
Définitions des termes et abréviations . . . viii
Publication des données sur les eaux de surface et les sédiments . . . viii
Présentation sous forme de tableaux des données sur les eaux de surface . . . x
Révisions . . . xii
Exactitude des données hydrométriques . . . xiii
Microfiche . . . xiii
Données sur les eaux de surface – Stations de jaugeage énumérées dans l'ordre alphabétique
- Terre-Neuve et Labrador . . . 1
- Nouveau-Brunswick . . . 51
- Nouvelle-Écosse . . . 94
- Île-du-Prince-Édouard . . . 119

Index alphabétique . . . 125
Index numérique des stations . . . 129

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1986, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Edifice Queen Square, 5e étage
45, prom. Alderney
Dartmouth (Nouvelle-Écosse)
B2Y 2N6
(902 426-5778)

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-1508).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1986, the hydrometric surveys in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island were conducted by the Water Survey of Canada under individual co-operative arrangements with each provincial government or its agency. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Nova Scotia, from 1915 to 1919, hydrometric investigations were conducted by the Dominion Water Power Branch in co-operation with the Nova Scotia Water Power Commission. A similar co-operative arrangement was made in 1918 with the Province of New Brunswick. On May 1, 1919, new agreements were made between the Government of Canada the Provinces of New Brunswick and Nova Scotia and an initial agreement made with the Province of Prince Edward Island whereby the Dominion Water Power Branch, which later became the Dominion Water and Power Bureau, assumed responsibility for basic water resources investigations in the three provinces. Although these arrangements were terminated on March 31, 1933, work was continued by the federal government under letter arrangements with the Provinces of New Brunswick and Nova Scotia. Work was discontinued in the Province of Prince Edward Island in 1933.

A new agreement with the Province of New Brunswick came into effect on April 1, 1951, and in 1961, a further agreement for the extension of hydrometric coverage was concurred in. A new agreement with the Province of Prince Edward Island was made in 1961 and hydrometric records were commenced in August. A co-operative agreement covering hydrometric surveys in Newfoundland and Labrador was ratified by both governments on March 24, 1950.

Co-operative agreements were negotiated with the four provinces (implementation date in each case was April 1, 1975) and signed by Prince Edward Island January 28, 1975, New Brunswick February 24, 1975, Newfoundland and Labrador February 25, 1975, and Nova Scotia April 28, 1975. The agreements provide that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1986, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard en vertu d'accords conclus avec chaque province ou un de ses organismes provinciaux. Les autorités provinciales ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

De 1915 à 1919, la Direction fédérale de l'énergie hydraulique et la *Nova Scotia Water Power Commission* ont entrepris des recherches hydrométriques en Nouvelle-Écosse. La Direction a signé une entente semblable en 1918 avec le Nouveau-Brunswick. Le 1^er^ mai 1919, le gouvernement du Canada a conclu de nouveaux accords avec le Nouveau-Brunswick et la Nouvelle-Écosse et un premier accord avec l'Île-du-Prince-Édouard, aux termes desquels la Direction fédérale de l'énergie hydraulique, devenue plus tard le Bureau fédéral de l'eau et de l'énergie, assumait la responsabilité des études de base sur les ressources en eau des trois provinces. Les accords ont pris fin le 31 mars 1933; toutefois, en vertu de lettres d'entente, le gouvernement fédéral a continué d'exécuter les observations pour les provinces du Nouveau-Brunswick et de la Nouvelle-Écosse. Il a dû abandonner les recherches relatives à l'Île-du-Prince-Édouard, en 1933.

Un nouvel accord avec le Nouveau-Brunswick est entré en vigueur le 1er avril 1951, suivi, en 1961, d'un autre qui visait à en élargir la portée. En 1961, le gouvernement fédéral a signé un nouvel accord avec la province de l'Île-du-Prince-Édouard, et les relevés hydrométriques ont débuté en août de la même année. Les deux paliers de gouvernement ont conclu un accord pour les relevés hydrométriques à Terre-Neuve et au Labrador le 24 mars 1950.

Le gouvernement fédéral a signé des accords (qui sont tous entrés en vigueur le 1er avril 1975) avec l'Île-du-Prince-Édouard, le 28 janvier 1975; avec le Nouveau-Brunswick, le 24 février 1975; avec la Terre-Neuve et le Labrador, le 25 février 1975, et avec la Nouvelle-Écosse, le 28 avril 1975. Selon les dispositions des accords, le gouvernement fédéral s'occupera du programme de relevés hydrométriques dans chacune des provinces et partagera avec elle le coût des mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Direction des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of National Defence.

Provincial – Newfoundland Department of Environment; Newfoundland and Labrador Hydro Corporation; New Brunswick Electric Power Commission; New Brunswick Department of Environment; Nova Scotia Department of Lands and Forests; Nova Scotia Department of Environment; Nova Scotia Power Corporation; Prince Edward Island Department of Community Affairs; Quebec Department of the Environment.

Municipal – City of Fredericton, New Brunswick; City of Charlottetown, Prince Edward Island.

Private – *In Newfoundland* – Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd., Price (Newfoundland) Pulp and Paper Co. Ltd., Churchill Falls (Labrador) Corporation Ltd.
In New Brunswick – Consolidated-Bathurst Company Limited, Fraser Companies Limited.
In Main, U.S.A. – The Georgia-Pacific Corporation.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de la Défense nationale.

Niveau provincial – Ministère de l'Environnement de Terre-Neuve, Hydro-Terre-Neuve et Labrador, Commission de l'énergie électrique du Nouveau-Brunswick, Ministère de l'Environnement du Nouveau-Brunswick, Ministère des Terres et Forêts de la Nouvelle-Écosse, Ministère de l'Environnement de la Nouvelle-Écosse, *Nova Scotia Power Corporation*, Ministère des Affaires communautaires de l'Île-du-Prince-Édouard, Ministère de l'Environnement du Québec.

Niveau municipal – Ville de Fredericton, Nouveau-Brunswick, Ville de Charlottetown, Île-du-Prince-Édouard.

Secteur privé – À Terre-Neuve – *Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd*, Société des pâtes et papiers Price (Terre-Neuve), et *Churchill Falls (Labrador) Corporation Ltd*.
Au Nouveau-Brunswick – *Consolidated-Bathurst Company Limited, Fraser Companies Limited*.
Dans le Maine (États-Unis) – *Georgia-Pacific Corporation*.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètres)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans: l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

NEWFOUNDLAND AND LABRADOR

ALEXIS RIVER NEAR PORT HOPE SIMPSON - STATION NO 03OC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.30B	10.1 B	5.85B	9.50B	239	43.7	21.8	24.9	10.4	19.7	13.6 B	7.85B	1
2	8.19B	10.7 B	5.80B	12.3 B	289	43.7	20.5	30.1	12.2	24.7	13.1 B	7.75B	2
3	8.00B	10.8 B	5.73B	13.0 B	287	51.3	18.0	25.8	26.3	21.6	12.8 B	7.65B	3
4	7.85B	10.7 B	5.66B	12.7 B	281	55.1	17.5	23.8	29.0	22.9	12.4 B	7.57B	4
5	7.78B	10.3 B	5.60B	12.3 B	220	60.2	18.0	22.9	22.7	21.8	12.1 B	7.50B	5
6	7.63B	9.95B	5.56B	12.0 B	174	56.0	14.8	23.2	18.9	35.7	11.9 B	7.42B	6
7	7.55B	9.58B	5.52B	11.7 B	138	48.1	14.0	24.2	17.2	49.8	11.6 B	7.35B	7
8	7.45B	9.18B	5.48B	11.4 B	121	43.9	13.8	21.8	16.8	45.0	11.3 B	7.25B	8
9	7.35B	8.85B	5.44B	11.2 B	115	64.4	15.7	20.2	21.7	37.2	11.1 B	7.18B	9
10	7.25B	8.55B	5.40B	11.0 B	111	94.9	25.9	19.5	20.3	32.5	10.9 B	7.10B	10
11	7.12B	8.30B	5.36B	12.5 B	104	85.4	38.1	19.3	18.8	27.1	10.7 B	7.00B	11
12	7.00B	8.00B	5.32B	16.0 B	103	76.6	46.6	18.4	17.4	25.3	10.5 B	6.95B	12
13	6.90B	7.75B	5.28B	20.0 B	122	65.3	45.9	17.7	18.3	22.6	10.3 B	6.90B	13
14	6.80B	7.55B	5.24B	26.5 B	151	55.0	38.0	17.2	33.0	22.8	10.1 B	6.80B	14
15	6.70B	7.35B	5.22B	34.5 B	207	46.7	31.2	15.6	31.8	23.3	9.90B	6.75B	15
16	6.60B	7.17B	5.21B	44.0 B	208	42.7	26.3	13.8	26.2	32.4	9.75B	6.65B	16
17	6.52B	6.95B	5.20B	55.5 B	181	42.4	22.7	12.7	22.3	34.2	9.60B	6.60B	17
18	6.44B	6.80B	5.19B	75.0 B	153	46.8	20.2	12.3	19.5	27.0	9.45B	6.55B	18
19	6.36B	6.65B	5.18B	100 B	136	43.5	17.3	12.0	17.4	26.1	9.30B	6.50B	19
20	6.28B	6.55B	5.14B	135 B	184	37.7	15.2	11.8	16.2	23.8	9.15B	6.45B	20
21	6.19B	6.45B	5.10B	180 B	140	32.5	14.8	11.3	15.6	21.3	9.00B	6.39B	21
22	6.10B	6.38B	5.06B	245 B	106	28.4	47.3	10.1	14.7	20.1B	8.85B	6.35B	22
23	6.00B	6.30B	5.03B	325 B	88.8	26.0	66.2	9.16	19.0	19.1B	8.75B	6.27B	23
24	5.90B	6.20B	5.00B	464	77.1	24.2	57.7	8.80	29.4	18.2B	8.60B	6.22B	24
25	5.80B	6.10B	4.97B	385	66.2	22.6	61.5	9.30	29.2	17.5B	8.50B	6.18B	25
26	5.75B	6.02B	4.94B	402	57.1	22.6	86.4	11.8	24.5	16.8B	8.38B	6.12B	26
27	5.70B	5.95B	4.91B	373	49.0	21.6	82.3	17.3	22.6	16.1B	8.25B	6.06B	27
28	6.25B	5.90B	4.88B	349	47.9	20.5	66.5	17.9	21.0	15.4B	8.15B	6.00B	28
29	7.10B		4.85B	336	49.9	19.7	52.6	17.0	19.9	14.9B	8.05B	5.96B	29
30	8.00B		5.10B	265	47.7	21.8	45.5	14.0	19.9	14.4B	7.95B	5.93B	30
31	9.15B		6.50B		47.6		40.6	11.9		14.0B		5.90B	31
TOTAL	216.03	221.08	164.72	3 970.1	4 361.3	1 343.3	1 102.3	535.76	634.5	766.1	304.03	209.15	TOTAL
MEAN	6.97	7.90	5.31	132	141	44.8	35.6	17.3	21.2	24.8	10.1	6.75	MEAN
MAX	9.15	10.8	6.50	464	289	94.9	86.8	34.9	33.0	49.8	13.6	7.85	MAX
MIN	5.70	5.90	4.85	9.50	47.6	19.7	13.8	8.80	10.4	14.0	7.95	5.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.9
MAXIMUM DAILY, 464 ON APR 24
MINIMUM DAILY, 4.85B ON MAR 29
MAXIMUM INSTANTANEOUS,
477 AT 03:00 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 57 N
LONG 56 52 17 W
DRAINAGE AREA, 2 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 700	JUL	95 200
FEB	19 100	AUG	46 300
MAR	14 200	SEP	54 800
APR	343 000	OCT	66 400
MAY	377 000	NOV	26 300
JUN	116 000	DEC	16 100

TOTAL DISCHARGE, 1 200 000 dam³

ASHUANIPI RIVER AT MENIHEK RAPIDS - STATION NO 03OA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	160	79.9	73.3	64.8	282	806	80[illegible]	654	394	513	120	233	1
2	159	79.9	73.3	64.8	283	898	[illegible]4	646	385	513	117	223	2
3	164	80.1	71.1	66.3	282	733	[illegible]04	648	405	510	121	223	3
4	157	81.8	71.4	66.3	430	731	799	501	416	510	125	222	4
5	162	77.6	61.2	66.8	446	731	801	498	402	513	121	220	5
6	158	79.6	77.3	62.3	637	643	609	498	399	515	120	219	6
7	161	81.8	75.3	60.0	634	583	617	504	402	515	120	224	7
8	160	82.4	75.0	67.1	759	481	617	498	405	518	122	229	8
9	158	80.4	76.2	62.0	748	484	617	422	402	518	219	233	9
10	135	70.5	77.3	60.9	742	493	614	416	405	515	215	233	10
11	136	75.0	76.7	68.0	748	490	623	419	277	521	222	230	11
12	138	74.5	73.3	57.5	748	490	629	425	277	518	219	223	12
13	136	74.5	72.8	54.7	1 100	490	821	428	280	518	223	227	13
14	139	75.9	72.2	58.3	1 290	433	813	419	279	515	225	226	14
15	143	77.3	69.7	57.2	1 420	430	614	416	282	518	225	223	15
16	141	74.2	68.8	57.2	1 460	439	651	416	276	518	229	155	16
17	136	77.0	68.8	58.3	1 500	442	651	258	283	518	226	154	17
18	131	78.7	72.2	56.8	1 550	450	[illegible]43	259	281	513	223	151	18
19	128	74.2	57.5	62.0	1 590	462	[illegible]46	262	283	510	224	150	19
20	131	72.8	77.9	54.7	1 620	456	643	261	419	510	227	147	20
21	133	72.8	68.0	56.9	1 610	470	631	260	419	510	227	150	21
22	88.1	77.0	70.5	289	1 600	473	640	261	416	504	221	152	22
23	76.2	75.3	73.3	289	1 580	705	637	262	419	507	228	151	23
24	84.7	74.2	71.4	283	1 540	714	634	262	524	504	225	149	24
25	83.0	73.6	74.5	281	1 500	966	419	264	532	504	224	151	25
26	75.3	76.7	72.8	280	1 180	963	419	262	515	184	228	142	26
27	73.1	73.1	72.8	280	1 180	957	422	263	515	136	221	66.2	27
28	66.3	70.8	71.4	279	1 140	940	532	396	515	116	223	62.6	28
29	76.5		68.0	283	926	840	617	399	515	111	222	60.0	29
30	77.6		64.6	278	923	929	654	399	513	117	216	62.6	30
31	77.8		64.6		915		654	396		118		62.9	31
TOTAL	3 849.4	2 145.6	2 213.2	3 826.7	32 543	19 322	20 082	12 275	11 835	13 610	5 876	5 356.3	TOTAL
MEAN	124	76.6	71.4	128	1 050	644	648	396	395	439	196	173	MEAN
MAX	164	82.4	77.9	289	1 620	966	821	654	532	521	229	233	MAX
MIN	66.3	70.5	57.5	54.7	282	430	419	258	276	111	117	60.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 364
MAXIMUM DAILY, 1 620 ON MAY 20
MINIMUM DAILY, 54.7 ON APR 13

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 54 27 18 N
LONG 66 37 30 W
DRAINAGE AREA, 19 000 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	333 000	JUL	1 740 000
FEB	185 000	AUG	1 080 000
MAR	191 000	SEP	1 020 000
APR	331 000	OCT	1 180 000
MAY	2 810 000	NOV	508 000
JUN	1 670 000	DEC	463 000

TOTAL DISCHARGE, 11 800 000 dam³

DATA CONTRIBUTED BY -
IRON ORE COMPANY OF CANADA LIMITED

REGULATED

ATIKONAK RIVER AT GABBRO LAKE - STATION NO 03OC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176	177	776	407	323	1 010	697	702	234	142	389	267	1
2	176	177	759	397	374	1 010	702	702	236	142	389	267	2
3	176	177	742	387	382	1 000	702	697	191	142	389	267	3
4	176	177	731	382	408	979	708	691	130	142	387	267	4
5	176	177	714	372	433	979	708	680	108	142	387	267	5
6	176	177	697	363	447	968	708	685	85.8	142	388	268	6
7	176	177	680	349	471	968	714	685	110	142	388	268	7
8	176	177	668	340	496	979	708	680	66.9	160	388	267	8
9	176	177	651	345	521	947	708	674	66.9	142	388	267	9
10	176	177	640	340	555	767	714	674	0	142	388	267	10
11	176	177	624	331	590	511	708	601	42.3	505	388	267	11
12	176	177	613	327	617	602	714	554	0	219	388	267	12
13	176	271	597	322	654	613	714	533	0	517	387	267	13
14	177	421	586	318	690	613	714	490	0	595	387	267	14
15	177	462	575	309	726	613	714	421	0	438	387	267	15
16	177	459	565	304	774	624	714	396	0	483	387	267	16
17	177	577	554	291	814	635	714	396	0	591	387	266	17
18	177	873	543	285	855	633	714	399	82.0	594	387	266	18
19	177	950	532	291	886	646	714	399	136	591	387	224	19
20	177	926	532	291	916	651	731	282	137	594	385	205	20
21	177	908	511	286	937	663	697	227	137	594	329	205	21
22	177	890	489	282	947	674	714	228	139	589	329	205	22
23	177	872	489	286	968	677	691	255	141	525	329	205	23
24	177	855	473	272	989	674	708	229	142	442	329	205	24
25	177	838	468	263	991	674	708	229	142	337	308	205	25
26	177	821	458	263	1 010	675	697	229	142	142	267	205	26
27	177	810	448	263	1 010	675	702	234	142	252	267	205	27
28	177	793	438	289	1 020	677	708	234	144	269	267	205	28
29	177		428	306	1 020	697	708	234	145	367	267	205	29
30	177		402	306	1 020	697	708	234	147	389	267	205	30
31	177		402		1 010		708	235		389		205	31
TOTAL	5 474	13 850	17 785	9 577	22 854	22 531	21 969	13 909	3 046.9	10 860	10 710	7 490	TOTAL
MEAN	177	495	574	319	737	751	709	449	102	350	357	242	MEAN
MAX	177	950	776	407	1 020	1 010	731	702	236	595	389	268	MAX
MIN	176	177	402	263	323	511	691	227	0	142	267	205	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 439
MAXIMUM DAILY, 1 020 ON MAY 28
MINIMUM DAILY, 0 ON SEP 10

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 20 N
LONG 65 23 47 W
DRAINAGE AREA, 21 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	473 000	JUL	1 900 000
FEB	1 200 000	AUG	1 200 000
MAR	1 540 000	SEP	263 000
APR	827 000	OCT	938 000
MAY	1 970 000	NOV	925 000
JUN	1 950 000	DEC	647 000

TOTAL DISCHARGE, 13 800 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

REGULATED SINCE 1973

ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE - STATION NO 03OD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 26 53 N
LONG 64 46 08 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

REGULATED SINCE 1984

NEWFOUNDLAND AND LABRADOR

BARTLETTS RIVER NEAR ST. ANTHONY - STATION NO. 02YA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.691	4.80 B	0.133B	0.498B	5.32	1.60	0.327	0.139	0.165	0.243	0.328	0.138B	1
2	0.617	3.20 B	0.124B	0.900B	5.08	1.63	0.277	0.135	0.183	0.373	0.395	0.131B	2
3	0.553	2.20 B	0.113B	1.00 B	4.98	2.33	0.261	0.134	0.325	0.433	0.462	0.125B	3
4	0.489	1.60 B	0.105B	0.600B	4.88	3.63	0.232	0.116	0.382	0.475	0.420	0.120B	4
5	0.426B	1.14 B	0.095B	0.400B	4.21	4.31	0.249	0.114	0.755	0.594	0.385B	0.116B	5
6	0.365B	0.970B	0.087B	0.280B	3.39	3.92	0.236	0.112	0.908	1.02	0.351B	0.111B	6
7	0.318B	0.700B	0.081B	0.225B	2.75	3.16	0.223	0.112	0.942	1.11	0.330B	0.107B	7
8	0.284B	0.560B	0.077B	0.180B	2.34	2.58	0.200	0.109	0.888	1.14	0.304B	0.103B	8
9	0.250B	0.470B	0.072B	0.150B	2.01	2.43	0.184	0.105	0.769	1.35	0.290B	0.100B	9
10	0.220B	0.400B	0.068B	0.175B	1.76	2.32	0.266	0.180	0.634	1.74	0.280B	0.097B	10
11	0.195B	0.380B	0.064B	1.50 B	1.89	2.42	0.272	0.380	0.502	1.70	0.510B	0.093B	11
12	0.175B	0.290B	0.062B	3.50 B	1.67	2.79	0.238	0.483	0.407	1.50	0.487B	0.090B	12
13	0.155B	0.255B	0.058B	9.50 B	1.82	2.62	0.216	0.602	0.672	1.23	0.440B	0.088B	13
14	0.233B	0.222B	0.056B	21.0 B	2.22	2.35	0.183	0.607	0.938	0.995	0.400B	0.085B	14
15	0.250B	0.198B	0.054B	23.0 B	3.47	2.03	0.187	0.593	0.939	1.02	0.365B	0.083B	15
16	0.220B	0.175B	0.052B	21.0 B	5.14	1.75	0.171	0.547	0.926A	1.04	0.339B	0.080B	16
17	0.198B	0.157B	0.050B	12.5 B	5.32	1.63	0.166	0.501	0.804	0.955	0.313B	0.078B	17
18	0.182B	0.142B	0.048B	9.20 B	4.50	1.46	0.145	0.419	0.667	0.878	0.291B	0.076B	18
19	0.167B	0.128B	0.047B	6.50 B	4.61	1.32	0.123	0.356	0.574	0.775	0.272B	0.075B	19
20	0.154B	0.117B	0.220B	4.80 B	4.08	1.14	0.124	0.304	0.481	0.670	0.255B	0.073B	20
21	0.144B	0.109B	0.820B	4.00 B	3.22	0.944	0.123	0.256	0.407	0.571	0.240B	0.072B	21
22	0.135B	0.100B	0.620B	4.12	2.62	0.805	0.109	0.208	0.350	0.535	0.225B	0.070B	22
23	0.128B	0.088B	0.385B	5.58	2.42	0.729	0.106	0.162	0.350	0.509	0.211B	0.069B	23
24	0.110B	0.081B	0.285B	8.34	2.22	0.642	0.082	0.146	0.323	0.456	0.199B	0.074B	24
25	0.113B	0.075B	0.220B	8.47	1.93	0.614	0.166	0.134	0.297	0.403	0.189B	0.130B	25
26	0.110B	0.072B	0.185B	7.82	1.69	0.555	0.271	0.169	0.269	0.370B	0.178B	0.330B	26
27	0.160B	0.120B	0.143B	8.91	1.56	0.527	0.234	0.153	0.252	0.335B	0.169B	0.620B	27
28	0.540B	0.150B	0.133B	7.56	1.46	0.436	0.217	0.193	0.213	0.301	0.160B	0.555B	28
29	2.00 B		0.114B	8.52	1.34	0.405	0.213	0.208	0.160	0.312	0.152B	0.510B	29
30	6.10 B		0.190B	6.70	1.36	0.376	0.181	0.185	0.154	0.321	0.145B	0.470B	30
31	7.00 B		0.295B		1.43		0.167	0.183		0.352		0.440B	31
TOTAL	22.682	18.899	5.056	186.728	92.49	53.353	6.159	8.045	15.656	23.706	9.086	5.309	TOTAL
MEAN	0.732	0.675	0.163	6.22	2.98	1.78	0.199	0.260	0.522	0.765	0.303	0.171	MEAN
MAX	7.00	4.80	0.820	23.0	5.32	4.31	0.327	0.607	0.942	1.74	0.510	0.620	MAX
MIN	0.110	0.072	0.047	0.150	1.34	0.376	0.082	0.105	0.154	0.243	0.145	0.069	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 23.0B ON APR 15
MINIMUM DAILY, 0.047B ON MAR 19

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 57 N
LONG 55 38 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 960	JUL	532
FEB	1 630	AUG	695
MAR	437	SEP	1 350
APR	16 100	OCT	2 050
MAY	7 990	NOV	785
JUN	4 610	DEC	459

TOTAL DISCHARGE, 38 600 dam³

BAY DU NORD RIVER AT BIG FALLS - STATION NO. 02ZF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.1	130 B	39.0B	28.0B	83.6	18.5	24.3	16.7	9.05	14.0	31.2	42.5B	1
2	43.1	100 B	37.0B	32.0B	77.2	19.4	24.0	21.5	8.76	14.3	30.6	41.8B	2
3	34.1	84.0B	32.0B	41.0B	71.8	34.5	22.7	20.3	8.46	14.0	30.4	41.0B	3
4	33.7	70.0B	29.0B	38.2B	66.8	32.6	22.4	18.0	8.26	13.6	29.6	46.0B	4
5	36.3	59.0B	26.5B	36.0B	61.4	27.0	22.1	16.4	8.00	17.2	28.9	50.4	5
6	35.2	50.0B	24.3B	33.0B	57.1	24.9	22.8	15.6	7.92	24.6	27.3	46.4	6
7	33.4	44.0B	22.5B	31.2B	53.0	23.9	22.5	15.2	7.78	20.7	26.9	44.4	7
8	30.5B	38.0B	21.0B	29.5B	50.3	23.6	21.7	14.8	7.87	19.0	25.7	42.0B	8
9	27.0B	33.0B	19.5B	28.2B	46.7	46.6	21.2	14.4	8.31	18.5	25.7	40.1B	9
10	25.9B	30.0B	18.5B	112	43.5	38.1	20.7	14.2	8.27	18.6	39.3	38.5B	10
11	24.0B	27.0B	17.3B	274	41.1	32.3	20.8	14.1	8.06	18.5	32.5	37.0B	11
12	22.5B	24.5B	16.5B	151	38.4	30.5	20.6	14.0	7.72	18.2	28.9	35.5B	12
13	21.0B	22.5B	15.8B	153	35.8	29.9	20.6	13.8	8.50	18.1	27.4	34.0B	13
14	44.7	21.0B	14.5B	185	33.3	29.1	20.1	13.2	8.85	18.5	28.8	33.0B	14
15	49.8	19.2B	13.8B	254	31.6	28.4	19.6	12.5	9.54	24.0	26.0B	31.5B	15
16	41.4	17.8B	13.2B	278	29.9	28.0	19.7	12.1	8.72	25.0	26.1B	30.0B	16
17	38.6	16.6B	12.3B	303 E	28.2	27.8	19.1	11.8	26.4	22.2	25.1B	28.8B	17
18	38.5	15.5B	12.0B	268	27.1	30.3	18.7	11.6	30.0	28.1	24.8B	27.5B	18
19	37.2	14.8B	11.9B	244	25.9	28.5	18.5	11.5	19.2	30.5	24.5B	26.9	19
20	41.2	14.0B	38.7	222	25.1	27.0	20.0	10.9	16.0	28.0	24.0B	26.8	20
21	99.6	13.0B	40.6	200	24.9	25.8	24.1	11.0	15.0	27.6	23.9B	25.6	21
22	73.2	12.2B	33.2	184	24.0	24.7	23.7	10.6	14.7	26.5	26.2	24.7	22
23	60.9	11.5B	29.6	166	24.4	23.8	21.2	9.91	14.6	26.4	26.1	23.3	23
24	54.0B	10.8B	27.3B	150	24.5	23.2	20.0	9.42	14.0	31.8	25.7	22.7	24
25	48.0B	10.3B	25.8B	137	23.6	22.2	18.7	9.37	13.9	32.6	56.7	21.6	25
26	43.5B	15.0B	24.5B	127	22.7	21.9	18.0	9.46	13.5	31.2	41.6	32.2	26
27	40.0B	22.0B	23.5B	117	21.9	21.1	17.4	9.07	15.4	30.6	46.0	27.2	27
28	105	35.0B	22.5B	112	21.1	20.1	16.9	9.23	16.0	32.8	57.2	24.4	28
29	173		26.5B	102	20.6	24.9	17.1	10.2	15.5	34.0	45.5	22.9	29
30	115		24.8B	92.1	20.1	24.6	18.2	9.96	14.6	32.7	44.4	21.9	30
31	176		26.0B		19.3		17.2	9.59		32.8		20.7	31
TOTAL	1 677.6	960.7	740.1	4 108.2	1 174.9	813.8	634.3	400.11	373.87	745.6	959.0	1 001.3	TOTAL
MEAN	54.1	34.3	23.9	137	37.9	27.1	20.5	12.9	12.5	24.0	32.0	32.3	MEAN
MAX	176	130	40.6	303	83.6	46.6	24.3	21.5	30.0	34.0	57.2	50.4	MAX
MIN	21.0	10.3	11.9	28.0	19.3	18.5	16.9	9.07	7.72	13.6	23.9	20.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.2
MAXIMUM DAILY, 303E ON APR 17
MINIMUM DAILY, 7.72 ON SEP 12
MAXIMUM INSTANTANEOUS,
347E AT 03:13 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 48 N
LONG 55 26 30 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	145 000	JUL	54 800
FEB	83 000	AUG	34 600
MAR	63 900	SEP	32 300
APR	355 000	OCT	64 400
MAY	102 000	NOV	82 900
JUN	70 300	DEC	86 500

TOTAL DISCHARGE, 1 170 000 dam³

NEWFOUNDLAND AND LABRADOR

BIG BROOK AT LEAD COVE - STATION NO. 02ZL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.372	1.05	1.44	2.00	0.407	0.176	0.230	0.112	0.063	0.249	0.278E	0.750B	1
2	0.579	0.759	1.34	2.13	0.399	0.192	0.209	0.137	0.060	0.263	0.246E	0.650B	2
3	0.612	0.565	1.12	3.12	0.350	0.209	0.192	0.163	0.054	0.277	0.222E	0.525	3
4	0.487	0.474	0.909	2.59	0.321	0.237	0.185	0.180	0.061	0.300	0.210E	0.508	4
5	0.373	0.418	0.741	1.56	0.303	0.244	0.179	0.174	0.068	0.320	0.240E	0.535	5
6	0.335	0.376	0.660	1.07	0.296	0.239	0.163	0.146	0.076	0.357	0.200E	0.556	6
7	0.286	0.337	0.525	0.729	0.322	0.234	0.154	0.134	0.079	0.397	0.220E	0.458	7
8	0.245	0.299	0.438	0.559	0.357	0.206	0.146	0.113	0.089	0.385	0.200E	0.408B	8
9	0.215B	0.257	0.354	0.431	0.413	0.609	0.143	0.107	0.091	0.417	0.260E	0.330B	9
10	0.199B	0.236	0.285B	0.423	0.453	1.63	0.132	0.133	0.090	0.436	0.545E	0.268B	10
11	0.183B	0.221	0.249	1.01	0.457	1.13	0.124	0.124	0.089	0.458	0.455E	0.219B	11
12	0.170B	0.200B	0.259	4.10 E	0.461	0.876	0.114	0.121	0.086	0.410	0.380E	0.180B	12
13	0.156B	0.184B	0.329	2.50	0.467	0.702	0.113	0.130	0.081	0.386	0.332E	0.154B	13
14	0.150B	0.172B	0.273	1.70	0.441	0.566	0.111	0.114	0.073	0.346	0.308E	0.133B	14
15	0.189	0.162	0.238	1.50	0.403	0.484	0.103	0.094	0.074	0.327	0.292E	0.120B	15
16	0.212	0.331	0.219B	1.46	0.387	0.408	0.095	0.085	0.071	0.307	0.418E	0.105B	16
17	0.171	0.329	0.201B	1.56	0.349	0.345	0.095	0.079	0.071	0.284	0.285E	0.093B	17
18	0.151	0.294	0.191B	1.59	0.295	0.291	0.094	0.068	0.074	0.329	0.254E	0.084B	18
19	0.155	0.252	0.181	1.42	0.278	0.277	0.087	0.066	0.084	0.483	0.242E	0.076B	19
20	0.178	0.212	0.363	0.969	0.235	0.241	0.115	0.062	0.082	0.420E	0.238E	0.091	20
21	1.22	0.173	0.917	0.784	0.253	0.204	0.142	0.058	0.089	0.345E	0.310E	0.175	21
22	1.94	0.167	0.922	0.621	0.280	0.153	0.153	0.064	0.087	0.260E	0.445E	0.207	22
23	1.30	0.159	0.652	0.585	0.307	0.167	0.144	0.062	0.091	0.293E	0.675E	0.213	23
24	0.879	0.154	0.538	0.584	0.327	0.154	0.127	0.063	0.083	0.355E	0.535E	0.195	24
25	0.607	0.161	0.577	0.592	0.308	0.142	0.117	0.060	0.089	0.420E	1.32 E	0.181	25
26	0.495	0.244	0.498	0.577	0.290	0.135	0.100	0.060	0.102	0.340E	1.22 A	0.161	26
27	0.420	0.435	0.478	0.574	0.255	0.123	0.094	0.061	0.103	0.280E	1.00	0.179	27
28	0.595	0.740	1.00	0.575	0.226	0.126	0.082	0.052	0.151	0.440E	1.12	0.185	28
29	2.02		1.15	0.534	0.206	0.165	0.082	0.057	0.217	0.535E	1.03	0.185	29
30	2.06		0.95	0.415	0.188	0.227	0.080	0.066	0.244	0.410E	0.897	0.173	30
31	1.30		1.16		0.174		0.105	0.071		0.340E		0.159B	31
TOTAL	18.254	9.361	19.156	38.262	10.208	10.909	4.020	3.024	2.772	11.169	14.377	8.456	TOTAL
MEAN	0.589	0.334	0.618	1.28	0.329	0.364	0.130	0.098	0.092	0.360	0.479	0.273	MEAN
MAX	2.06	1.05	1.44	4.10	0.467	1.63	0.230	0.180	0.244	0.535	1.32	0.750	MAX
MIN	0.150	0.154	0.181	0.415	0.174	0.123	0.082	0.052	0.054	0.249	0.200	0.076	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.411
MAXIMUM DAILY, 4.10E ON APR 12
MINIMUM DAILY, 0.052 ON AUG 28
MAXIMUM INSTANTANEOUS,
4.67E AT 07:13 NST ON APR 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 02 34 N
LONG 53 05 00 W
DRAINAGE AREA, 11.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 580	JUL	347
FEB	809	AUG	262
MAR	1 660	SEP	240
APR	3 310	OCT	965
MAY	882	NOV	1 240
JUN	943	DEC	731

TOTAL DISCHARGE, 13 000 dam³

BLANCHE BROOK NEAR STEPHENVILLE - STATION NO. 02YJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30	2.73 B	0.545B	2.70B	4.25	0.540	0.743	0.562	1.82	1.43	1.24	3.65	1
2	2.14 B	2.50 B	0.523B	6.80B	3.85	10.2	0.898	0.542	1.20	2.05	3.20	2.99	2
3	1.91 B	2.28 B	0.503B	8.40B	3.77	14.6	0.893	0.548	1.11	1.41	7.18	2.26	3
4	1.80 B	2.10 B	0.490B	6.60B	3.42	12.6	0.787	0.561	0.935	1.17	4.21	3.08	4
5	1.59 B	1.93 B	0.478B	5.10B	2.94	9.15	3.87	0.559	0.759	5.21	3.03	3.23	5
6	1.44 B	1.81 B	0.460B	4.10B	2.55	6.37	3.66	0.537	0.768	7.89	2.49	2.86	6
7	1.32 B	1.71 B	0.447B	3.50B	2.11	4.52	2.27	0.635	0.715	5.29	2.04	2.56	7
8	1.21 B	1.58 B	0.433B	3.25B	1.97	4.10	1.67	1.16	0.680	3.94	1.07	2.45 B	8
9	1.11 B	1.48 B	0.420B	3.00B	1.95	17.6	2.46	1.68	0.566	3.25	4.61	2.20 B	9
10	1.03 B	1.40 B	0.406B	4.90	1.78	13.5	2.22	2.15	0.632	3.04	18.8	1.95 B	10
11	0.970B	1.30 B	0.395B	21.7	1.49	15.7	1.78	1.78	0.548	2.82	9.86	1.80 B	11
12	0.910B	1.22 B	0.385B	26.2	1.15	12.4	1.59	1.80	0.710	1.78	6.02	1.66 B	12
13	1.15 B	1.16 B	0.375B	32.9	0.840	7.98	1.29	1.88	2.24	1.14	4.00	1.50 B	13
14	2.20 B	1.08 B	0.365B	27.3	0.604	5.47	1.14	1.16	1.94	1.03	2.81	1.40 B	14
15	7.00 B	1.03 B	0.356B	26.7	0.531	4.37	1.00	0.870	1.40	16.0	2.14	1.30 B	15
16	6.10 B	0.970B	0.348B	32.4	0.513	3.50	1.85	0.772	1.23	10.9	1.34	1.20 B	16
17	5.04 B	0.930B	0.340B	37.8	0.506	2.89	1.52	0.686	1.13	6.47	1.09	1.13 B	17
18	4.20 B	0.880B	0.330B	21.7	0.384	2.44	1.17	0.633	0.916	4.02	1.04	1.05 B	18
19	3.50 B	0.840B	0.325B	13.0	0.414	2.10	1.11	0.607	0.943	3.15	1.07	0.980B	19
20	5.20 B	0.800B	0.320B	11.7	0.458	1.94	0.930	0.595	0.953	2.87	0.761	0.940B	20
21	26.0 B	0.764B	1.30 B	12.6	0.466	1.64	0.892	0.593	0.568	2.16	0.645	0.880B	21
22	19.2	0.730B	1.15 B	16.4	0.551	1.48	1.06	0.553	0.531	1.78	0.662	0.830B	22
23	12.2	0.700B	0.970B	32.9	1.64	1.17	0.961	0.539	0.591	1.63	0.558	0.780B	23
24	7.00 B	0.670B	0.780B	22.3	1.35	1.01	0.843	0.577	0.545	3.13	0.537	0.750B	24
25	6.00 B	0.643B	0.663B	19.5	0.906	0.894	0.735	0.567	0.526	2.99	5.55	0.710B	25
26	5.10 B	0.620B	0.880B	17.3	0.658	0.879	0.676	0.911	0.804	2.71	4.37	0.675B	26
27	4.58 B	0.594B	0.820B	14.3	0.623	0.834	0.661	1.86	6.47	2.04	7.08	1.00 B	27
28	4.09 B	0.573B	0.740B	10.1	0.533	0.771	0.645	7.40	2.22	1.89	11.1	1.23 B	28
29	3.62 B		0.650B	8.17	0.514	0.757	0.559	5.20	1.30	1.44	6.71	1.15 B	29
30	3.32 B		0.560B	5.88	0.485	0.768	0.648	3.36	1.18	1.27	4.66	1.09 B	30
31	3.01 B		0.900B		0.480		0.577	2.47		1.93		1.05 B	31
TOTAL	146.240	35.024	17.657	459.20	43.696	162.174	41.218	43.747	35.750	107.33	119.853	50.335	TOTAL
MEAN	4.72	1.25	0.570	15.3	1.41	5.41	1.33	1.41	1.19	3.46	4.00	1.62	MEAN
MAX	26.0	2.73	1.30	37.8	4.25	17.6	3.87	7.40	6.47	16.0	18.8	3.65	MAX
MIN	0.810	0.573	0.320	2.70	0.384	0.540	0.559	0.537	0.526	1.03	0.537	0.675	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.46
MAXIMUM DAILY, 37.8 ON APR 17
MINIMUM DAILY, 0.320B ON MAR 20
MAXIMUM INSTANTANEOUS,
58.7 AT 07:53 NST ON APR 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 56 N
LONG 58 34 11 W
DRAINAGE AREA, 120 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 600	JUL	3 560
FEB	3 030	AUG	3 780
MAR	1 530	SEP	3 080
APR	39 700	OCT	9 270
MAY	3 780	NOV	10 400
JUN	14 000	DEC	4 350

TOTAL DISCHARGE, 109 000 dam³

NEWFOUNDLAND AND LABRADOR

BOOT BROOK AT TRANS-CANADA HIGHWAY - STATION NO. 02YK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00	1.50 B	0.058B	0.540B	0.535	0.106	0.042	0.037	0.083	0.243	0.305	0.650B	1
2	1.50	0.640B	0.052B	4.40 B	0.436	0.465	0.038	0.045	0.059	0.274	0.355	0.520B	2
3	1.07	0.350B	0.048B	10.0 B	0.372	3.12	0.026	0.050	0.159	0.227	0.469	0.390B	3
4	0.723	0.255B	0.045B	4.40 B	0.341	3.76	0.037	0.038	0.162	0.188	0.381	0.330B	4
5	0.470B	0.210B	0.042B	2.90 B	0.312	1.81	0.184	0.037	0.146	0.605	0.295	0.250B	5
6	0.330B	0.165B	0.039B	1.50 B	0.294	0.887	0.323	0.027	0.142	1.12	0.377	0.200B	6
7	0.233B	0.140B	0.037B	0.900B	0.254	0.408	0.301	0.022	0.110	0.758	0.202	0.155B	7
8	0.165B	0.120B	0.035B	0.480B	0.220	0.372	0.233	0.021	0.082	0.472	0.178	0.130B	8
9	0.117B	0.105B	0.033B	0.300B	0.178	0.735	0.171	0.186	0.077	0.347	0.386	0.103B	9
10	0.082B	0.091B	0.031B	0.350B	0.168	0.632	0.130	1.72	0.057	0.307	2.02	0.088B	10
11	0.057B	0.083B	0.029B	3.00 B	0.139	0.477	0.113	2.32	0.060	0.245	1.46	0.070B	11
12	0.044B	0.075B	0.028B	15.8 B	0.121	0.373	0.120	1.13	0.052	0.190	0.716	0.058B	12
13	0.047B	0.068B	0.026B	8.20 B	0.109	0.251	0.126	0.796	0.100	0.185	0.443	0.050B	13
14	0.350B	0.062B	0.025B	4.70 B	0.099	0.201	0.134	0.488	0.120	0.167	0.330B	0.042B	14
15	2.50 B	0.058B	0.024B	4.00 B	0.076	0.150	0.114	0.308	0.139	0.499	0.270B	0.036B	15
16	1.55 B	0.053B	0.024B	4.87 E	0.068	0.118	0.159	0.119	0.144	0.650	0.225B	0.031B	16
17	0.740B	0.049B	0.022B	4.80 E	0.060	0.092	0.183	0.067	0.468	0.541	0.190B	0.027B	17
18	0.360B	0.045B	0.021B	2.72	0.051	0.084	0.185	0.057	0.694	0.403	0.164B	0.023B	18
19	0.200B	0.043B	0.023B	1.54	0.047	0.077	0.170	0.058	0.507	0.279	0.145B	0.020B	19
20	0.243B	0.052B	0.070B	1.20	0.064	0.068	0.122	0.080	0.345	0.234	0.130B	0.018B	20
21	2.10 B	0.061B	0.250B	1.24	0.130	0.049	0.097	0.079	0.231	0.210	0.114B	0.015B	21
22	10.0 B	0.056B	0.190B	1.70	0.165	0.042	0.075	0.067	0.182	0.174	0.103B	0.015B	22
23	5.80 B	0.052B	0.143B	1.87	0.165	0.035	0.065	0.051	0.161	0.188	0.092B	0.013B	23
24	3.30 B	0.048B	0.115B	1.51	0.147	0.021	0.056	0.051	0.145	0.475	0.084B	0.013B	24
25	2.00 B	0.044B	0.094B	1.87	0.140	0.028	0.040	0.044	0.128	0.475	1.00 B	0.012B	25
26	1.25 B	0.042B	0.082B	1.46	0.128	0.041	0.043	0.048	0.119	0.404	1.22 B	0.020B	26
27	0.850B	0.066B	0.074B	1.23	0.099	0.038	0.040	0.083	0.181	0.477	1.35 B	0.036B	27
28	6.70 B	0.062B	0.076B	0.938	0.071	0.024	0.028	0.085	0.192	0.267	1.50 B	0.033B	28
29	15.0 B		0.090B	0.741	0.064	0.025	0.026	0.089	0.189	0.258	1.25 B	0.030B	29
30	6.60 B		0.103B	0.698	0.100	0.033	0.025	0.081	0.165	0.285	0.880B	0.026B	30
31	3.30 B		0.086B		0.094		0.023	0.070		0.312		0.024B	31
TOTAL	69.681	4.595	2.013	90.257	5.247	14.532	3.429	8.318	5.379	11.449	16.634	3.427	TOTAL
MEAN	2.25	0.164	0.065	3.01	0.169	0.484	0.111	0.268	0.179	0.369	0.554	0.111	MEAN
MAX	15.0	1.50	0.250	15.8	0.535	3.76	0.323	2.32	0.694	1.12	2.02	0.650	MAX
MIN	0.044	0.042	0.021	0.300	0.047	0.021	0.023	0.021	0.052	0.167	0.084	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.644
MAXIMUM DAILY, 15.8B ON APR 12
MINIMUM DAILY, 0.012B ON DEC 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 59 N
LONG 57 06 14 W
DRAINAGE AREA, 20.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 020	JUL	296
FEB	397	AUG	719
MAR	174	SEP	465
APR	7 800	OCT	989
MAY	453	NOV	1 440
JUN	1 260	DEC	296

TOTAL DISCHARGE, 20 300 dam³

BOTTOM CREEK NEAR ROCKY HARBOUR - STATION NO. 02YH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.643B	2.25 B	0.215B	0.840	1.40	0.046	0.307	0.114	0.115	0.217	0.379	0.623	1
2	0.730B	1.88 B	0.204B	0.712	1.30	0.107	0.280	0.103	0.112	0.228	0.521	0.553	2
3	0.880B	1.62 B	0.194B	0.795	1.21	0.480	0.243	0.092	0.111	0.220	0.776	0.534	3
4	0.840B	1.40 B	0.185B	0.790	1.13	0.962	0.215	0.101	0.107	0.231	0.806	0.696	4
5	0.800B	1.22 B	0.175B	0.758	1.02	0.961	0.260	0.103	0.104	0.391	0.916	0.839	5
6	0.570B	1.07 B	0.168B	0.713	0.905	1.16	0.314	0.087	0.103	0.443	0.921	0.788	6
7	0.540B	0.950B	0.158B	0.624	0.826	1.25	0.291	0.081	0.102	0.432	0.825	0.699	7
8	0.510B	0.830B	0.152B	0.560	0.816	1.07	0.300	0.127	0.115	0.391	0.778	0.640B	8
9	0.481	0.740B	0.147B	0.513	0.712	1.30	0.274	0.359	0.117	0.535	0.812	0.590B	9
10	0.467	0.664B	0.142B	0.682	0.699	1.46	0.228	0.626	0.127	0.784	1.07	0.545B	10
11	0.448	0.603B	0.136B	1.46	0.638	1.75	0.214	0.911	0.109	0.706	1.10	0.505B	11
12	0.436	0.543B	0.130B	2.24	0.581	1.76	0.210	0.937	0.111	0.858	1.04	0.473B	12
13	0.426	0.500B	0.126B	3.05 E	0.508	1.59	0.205	0.904	0.136	0.604	0.987	0.441B	13
14	0.813	0.460B	0.123B	3.50 E	0.456	1.34	0.189	0.851	0.110	0.566	0.920B	0.410B	14
15	1.91	0.420B	0.118B	3.61 E	0.427	1.17	0.174	0.748	0.112	0.656	0.810B	0.391B	15
16	2.50	0.380B	0.115B	3.31 E	0.412	1.02	0.189	0.681	0.115	0.697	0.720B	0.370B	16
17	2.10	0.353B	0.111B	3.26 E	0.382	0.956	0.211	0.546	0.124	0.712	0.650B	0.353B	17
18	1.36	0.331B	0.109B	2.98 E	0.350	0.861	0.204	0.443	0.137	0.686	0.590B	0.335B	18
19	1.18	0.310B	0.145B	2.38	0.338	0.823	0.225	0.373	0.124	0.646	0.540B	0.320B	19
20	1.55	0.289B	0.250B	1.93	0.334	0.705	0.198	0.341	0.131	0.590	0.490B	0.305B	20
21	3.30	0.270B	0.660B	1.77	0.307	0.613	0.184	0.304	0.117	0.561	0.450B	0.295B	21
22	3.23	0.251B	0.590B	1.67	0.299	0.541	0.162	0.253	0.114	0.496	0.410B	0.282B	22
23	1.96	0.235B	0.490B	1.65	0.268	0.468	0.163	0.274	0.126	0.451	0.380B	0.272B	23
24	1.63 B	0.220B	0.420B	1.59	0.218	0.404	0.129	0.204	0.129	0.489	0.395	0.262B	24
25	1.37 B	0.210B	0.375B	1.70	0.154	0.421	0.123	0.208	0.132	0.443	0.541	0.253B	25
26	1.22 B	0.234B	0.340B	1.67	0.118	0.361	0.122	0.193	0.141	0.374	0.526	0.245B	26
27	1.10 B	0.250B	0.310B	1.64	0.077	0.359	0.110	0.161	0.161	0.324	0.572	0.240B	27
28	1.93 B	0.235B	0.295B	1.60	0.088	0.357	0.114	0.162	0.159	0.325	0.668	0.280B	28
29	3.99 B		0.350B	1.61	0.054	0.307	0.113	0.139	0.166	0.316	0.675	0.300B	29
30	3.20 B		0.434	1.48	0.040	0.311	0.105	0.133	0.177	0.318	0.647	0.288B	30
31	2.65 B		0.560		0.037		0.097	0.119		0.380		0.280B	31
TOTAL	44.184	18.728	7.937	50.887	16.084	24.913	6.183	10.639	3.744	14.830	20.915	13.409	TOTAL
MEAN	1.42	0.669	0.256	1.70	0.519	0.830	0.199	0.343	0.125	0.478	0.697	0.433	MEAN
MAX	3.99	2.25	0.660	3.61	1.40	1.76	0.314	0.937	0.177	0.784	1.10	0.839	MAX
MIN	0.426	0.210	0.109	0.513	0.037	0.046	0.097	0.081	0.102	0.217	0.379	0.240	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.637
MAXIMUM DAILY, 3.99B ON JAN 29
MINIMUM DAILY, 0.037 ON MAY 31

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 06 N
LONG 57 54 34 W
DRAINAGE AREA, 33.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 820	JUL	532
FEB	1 620	AUG	919
MAR	686	SEP	323
APR	4 400	OCT	1 280
MAY	1 390	NOV	1 810
JUN	2 150	DEC	1 160

TOTAL DISCHARGE, 20 100 dam³

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS - STATION NO. 03OE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 840	1 780	1 840	1 430	2 570	1 830	1 680	1 620	1 380	1 620	1 610	1 650	1
2	1 850	1 730	1 840	1 470	2 720	1 790	1 660	1 610	1 370	1 610	1 610	1 670	2
3	1 810	1 730	1 840	1 480	2 840	1 740	1 650	1 590	1 360	1 620	1 610	1 690	3
4	1 750	1 730	1 850	1 450	2 970	1 670	1 640	1 550	1 340	1 630	1 600	1 730	4
5	1 730	1 660	1 840	1 430	3 020	1 630	1 630	1 510	1 340	1 650	1 580	1 790	5
6	1 700	1 680	1 830	1 420	2 970	1 610	1 630	1 470	1 350	1 680	1 560	1 830	6
7	1 710	1 720	1 810	1 410	2 840	1 590	1 630	1 480	1 370	1 710	1 550	1 860	7
8	1 730	1 720	1 790	1 410	2 750	1 580	1 600	1 450	1 380	1 730	1 530	1 850	8
9	1 730	1 740	1 780	1 410	2 680	1 560	1 570	1 460	1 390	1 750	1 520	1 840	9
10	1 780	1 760	1 780	1 430	2 640	1 560	1 560	1 470	1 390	1 770	1 520	1 810	10
11	1 780	1 780	1 770	1 450	2 610	1 590	1 560	1 480	1 400	1 770	1 520	1 820	11
12	1 800	1 790	1 760	1 470	2 560	1 630	1 570	1 460	1 420	1 770	1 520	1 800	12
13	1 810	1 780	1 760	1 480	2 530	1 670	1 580	1 430	1 440	1 780	1 510	1 800	13
14	1 790	1 770	1 740	1 510	2 520	1 700	1 580	1 410	1 620	1 730	1 500	1 800	14
15	1 760	1 760	1 730	1 530	2 610	1 720	1 560	1 390	1 630	1 700	1 480	1 790	15
16	1 770	1 770	1 730	1 520	2 720	1 730	1 520	1 380	1 700	1 670	1 470	1 790	16
17	1 760	1 770	1 750	1 520	2 840	1 710	1 480	1 370	1 730	1 680	1 480	1 790	17
18	1 780	1 770	1 760	1 540	2 940	1 710	1 430	1 360	1 740	1 680	1 500	1 780	18
19	1 800	1 750	1 730	1 560	3 000	1 720	1 390	1 340	1 770	1 660	1 510	1 800	19
20	1 830	1 760	1 710	1 570	2 970	1 740	1 350	1 330	1 780	1 590	1 520	1 810	20
21	1 840	1 790	1 700	1 560	2 850	1 770	1 3[illegible]0	1 320	1 780	1 660	1 500	1 820	21
22	1 840	1 820	1 670	1 550	2 740	1 790	1 290	1 320	1 780	1 650	1 500	1 800	22
23	1 870	1 810	1 680	1 560	2 630	1 800	1 280	1 330	1 760	1 640	1 480	1 790	23
24	1 880	1 800	1 650	1 590	2 510	1 780	1 280	1 370	1 740	1 640	1 500	1 790	24
25	1 880	1 810	1 640	1 650	2 390	1 740	1 290	1 400	1 730	1 650	1 520	1 790	25
26	1 850	1 810	1 600	1 760	2 280	1 710	1 330	1 400	1 720	1 660	1 550	1 800	26
27	1 880	1 820	1 540	1 880	2 150	1 670	1 390	1 380	1 710	1 640	1 570	1 820	27
28	1 910	1 830	1 520	2 030	2 020	1 660	1 480	1 350	1 700	1 620	1 580	1 810	28
29	1 880		1 500	2 200	1 930	1 660	1 540	1 340	1 680	1 600	1 600	1 760	29
30	1 780		1 490	2 400	1 890	1 660	1 580	1 350	1 650	1 590	1 630	1 730	30
31	1 780		1 490		1 860		1 610	1 370		1 600		1 710	31
TOTAL	55 930	49 460	53 100	47 730	80 550	50 720	46 840	44 070	47 060	51 760	46 140	55 310	TOTAL
MEAN	1 800	1 770	1 710	1 590	2 600	1 690	1 500	1 420	1 570	1 670	1 540	1 780	MEAN
MAX	1 910	1 830	1 850	2 400	3 020	1 830	1 680	1 620	1 780	1 770	1 630	1 850	MAX
MIN	1 700	1 660	1 490	1 410	1 860	1 560	1 280	1 320	1 340	1 590	1 470	1 650	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 720
MAXIMUM DAILY, 3 020 ON MAY 5
MINIMUM DAILY, 1 280 ON JUL 23
MAXIMUM INSTANTANEOUS,
3 020 AT 10 13 AST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 52 N
LONG 60 47 21 W
DRAINAGE AREA, 92 500 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 830 000	JUL	4 030 000
FEB	4 270 000	AUG	3 810 000
MAR	4 590 000	SEP	4 070 000
APR	4 120 000	OCT	4 470 000
MAY	6 960 000	NOV	3 990 000
JUN	4 380 000	DEC	4 780 000

TOTAL DISCHARGE, 54 300 000 dam³

CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE - STATION NO. 03OD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 450	1 750	1 840	1 330	1 280	909	740	939	868	1 280	1 340	1 600	1
2	1 550	1 800	1 810	1 280	1 330	1 150	955	824	1 150	1 280	1 210	1 780	2
3	1 670	1 790	1 800	1 370	1 170	1 180	978	830	1 120	1 280	1 350	1 810	3
4	1 610	1 750	1 820	1 350	1 110	1 180	964	1 140	1 160	1 300	1 370	1 830	4
5	1 780	1 820	1 780	1 330	1 380	1 150	851	1 000	1 250	1 080	1 370	1 810	5
6	1 780	1 730	1 820	1 260	1 200	1 190	844	1 030	992	1 330	1 350	1 820	6
7	1 760	1 830	1 840	1 390	1 210	1 040	970	1 100	809	1 310	1 380	1 710	7
8	1 730	1 830	1 840	1 390	1 190	986	968	1 080	1 190	1 300	1 420	1 800	8
9	1 820	1 820	1 840	1 450	1 190	1 120	984	984	1 260	1 300	1 260	1 860	9
10	1 810	1 830	1 800	1 400	1 010	1 140	964	720	1 260	1 310	1 370	1 850	10
11	1 790	1 800	1 680	1 420	882	1 150	970	1 070	1 260	1 300	1 390	1 780	11
12	1 650	1 830	1 670	1 400	1 150	1 180	820	1 080	1 260	1 220	1 400	1 830	12
13	1 760	1 830	1 740	1 270	1 140	1 160	838	1 090	1 260	1 070	1 500	1 840	13
14	1 820	1 850	1 850	1 240	1 130	1 000	845	1 110	681	1 260	1 560	1 680	14
15	1 810	1 840	1 780	1 290	1 130	846	815	1 030	1 210	1 300	1 540	1 770	15
16	1 820	1 690	1 540	1 280	1 120	998	850	507	1 280	1 310	1 550	1 820	16
17	1 820	1 840	1 620	1 370	1 010	1 060	888	674	1 270	1 260	1 420	1 690	17
18	1 790	1 810	1 680	1 390	878	1 080	879	1 180	1 260	1 320	1 400	1 650	18
19	1 590	1 830	1 620	1 280	902	1 080	817	1 110	1 280	1 220	1 410	1 730	19
20	1 800	1 710	1 630	1 220	1 140	1 130	825	1 120	1 270	1 230	1 450	1 790	20
21	1 840	1 730	1 660	1 350	1 180	986	871	1 140	1 050	1 310	1 640	1 660	21
22	1 830	1 790	1 560	1 350	1 180	878	873	1 150	1 270	1 280	1 630	1 790	22
23	1 820	1 850	1 430	1 350	1 140	1 000	824	1 010	1 260	1 330	1 630	1 830	23
24	1 840	1 840	1 430	1 120	996	702	886	945	1 270	1 310	1 440	1 740	24
25	1 840	1 840	1 480	1 220	908	980	856	1 130	1 280	1 320	1 600	1 600	25
26	1 830	1 850	1 420	1 300	1 020	1 030	856	1 150	1 270	1 350	1 650	1 580	26
27	1 810	1 840	1 420	1 190	1 150	1 060	866	1 150	1 290	1 320	1 650	1 620	27
28	1 840	1 860	1 470	1 300	1 230	885	1 010	1 130	1 060	1 400	1 660	1 600	28
29	1 850		1 370	1 260	1 180	894	892	1 210	1 280	1 450	1 750	1 710	29
30	1 850		1 250	1 260	1 210	1 020	890	938	1 270	1 390	1 790	1 760	30
31	1 710		1 370		1 030		963	937		1 410		1 850	31
TOTAL	54 470	50 580	50 800	39 400	34 715	31 125	27 732	31 478	35 600	40 180	44 350	54 390	TOTAL
MEAN	1 760	1 810	1 640	1 310	1 120	1 040	895	1 020	1 190	1 300	1 480	1 750	MEAN
MAX	1 850	1 860	1 850	1 450	1 380	1 190	1 010	1 210	1 290	1 450	1 790	1 860	MAX
MIN	1 450	1 690	1 250	1 120	878	702	740	507	809	1 070	1 210	1 580	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 360
MAXIMUM DAILY, 1 860 ON FEB 28
MINIMUM DAILY, 507 ON AUG 16

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 32 10 N
LONG 63 57 51 W
DRAINAGE AREA, 69 200 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 710 000	JUL	2 400 000
FEB	4 370 000	AUG	2 720 000
MAR	4 390 000	SEP	3 080 000
APR	3 400 000	OCT	3 470 000
MAY	3 000 000	NOV	3 830 000
JUN	2 690 000	DEC	4 700 000

TOTAL DISCHARGE, 42 800 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS - STATION NO 03OE007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	3.915	3.914	3.636	3.806	3.811	6.218	1
2	---	---	---	---	---	---	3.910	3.888	3.608	3.845	3.810	6.180	2
3	---	---	---	---	---	---	3.900	3.814	3.556	3.887	3.797	6.241	3
4	---	---	---	---	---	---	3.883	3.759	3.539	3.900	3.783	6.465	4
5	---	---	---	---	---	---	3.889	3.707	3.604	3.949	3.703	6.429	5
6	---	---	---	---	---	---	3.887	3.722	3.663	4.022	3.763	6.384	6
7	---	---	---	---	---	---	3.844	3.755	3.688	4.029	3.770	6.300	7
8	---	---	---	---	---	---	3.795	3.765	3.688	4.005	3.828	6.541	8
9	---	---	---	---	---	---	3.792	3.783	3.656	4.002	4.000	6.673	9
10	---	---	---	---	---	---	3.831	3.812	3.628	3.994	3.911	6.720	10
11	---	---	---	---	---	---	3.842	3.792	3.659	3.969	3.915	6.785	11
12	---	---	---	---	---	3.871	3.849	3.712	3.726	3.928	4.107	6.765	12
13	---	---	---	---	---	3.911	3.844	3.643	3.825	3.922	4.391	6.704	13
14	---	---	---	---	---	3.905	3.808	3.640	3.983	3.905	4.938	6.863	14
15	---	---	---	---	---	3.892	3.733	3.653	4.054	3.886	5.824	6.570	15
16	---	---	---	---	---	3.873	3.845	3.662	4.014	3.859	6.143	6.806	16
17	---	---	---	---	---	3.884	3.582	3.633	3.992	3.867	6.117	6.982	17
18	---	---	---	---	---	3.831	3.541	3.601	4.021	3.879	6.103	6.650	18
19	---	---	---	---	---	3.883	3.504	3.574	4.030	3.878	6.080	6.355	19
20	---	---	---	---	---	3.946	3.485	3.570	4.029	3.863	5.835	6.251	20
21	---	---	---	---	---	4.030	3.442	3.582	4.021	3.860	5.888	6.548	21
22	---	---	---	---	---	4.053	3.447	3.595	4.004	3.848	5.926	6.912	22
23	---	---	---	---	---	4.068	3.446	3.648	3.970	3.868	5.929	6.957	23
24	---	---	---	---	---	3.997	3.461	3.664	3.918	3.870	6.085	6.385	24
25	---	---	---	---	---	3.936	3.541	3.632	3.901	3.829	6.149	6.654	25
26	---	---	---	---	---	3.943	3.681	3.574	3.898	3.745	6.109	6.371	26
27	---	---	---	---	---	3.946	3.806	3.547	3.894	3.757	6.093	6.488	27
28	---	---	---	---	---	3.963	3.894	3.569	3.891	3.742	6.119	6.771	28
29	---		---	---	---	3.963	3.914	3.599	3.875	3.768	6.198	6.718	29
30	---		---	---	---	3.951	3.937	3.636	3.834	3.783	6.236	6.544	30
31	---		---		---		3.935	3.644		3.814		6.798	31
MEAN	---	---	---	---	---	---	3.741	3.680	3.826	3.881	5.086	6.561	MEAN
MAX	---	---	---	---	---	---	3.937	3.914	4.054	4.029	6.236	6.982	MAX
MIN	---	---	---	---	---	---	3.442	3.547	3.539	3.742	3.703	6.180	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 57 N
LONG 60 46 08 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER BELOW GULL ISLAND RAPIDS - STATION NO 03OE005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	4.786	4.805	4.584	4.780	4.798	---	1
2	---	---	---	---	---	---	4.812	4.765	4.529	4.787	4.783	---	2
3	---	---	---	---	---	---	4.788	4.707	4.517	4.787	4.736	---	3
4	---	---	---	---	---	---	4.775	4.646	4.578	4.808	4.690	---	4
5	---	---	---	---	---	---	4.798	4.640	4.634	4.854	4.696	---	5
6	---	---	---	---	---	---	4.785	4.679	4.665	4.887	4.682	---	6
7	---	---	---	---	---	---	4.744	4.695	4.661	4.874	4.680	---	7
8	---	---	---	---	---	---	4.690	4.711	4.623	4.903	4.713	---	8
9	---	---	---	---	---	---	4.689	4.729	4.585	4.912	4.725	---	9
10	---	---	---	---	---	---	4.705	4.718	4.624	4.907	4.711	---	10
11	---	---	---	---	---	---	4.725	4.659	4.654	4.906	4.680	---	11
12	---	---	---	---	---	---	4.737	4.617	4.674	4.882	4.684	---	12
13	---	---	---	---	---	4.888	4.731	4.635	4.756	4.855	4.671	---	13
14	---	---	---	---	---	4.906	4.674	4.631	4.886	4.805	4.698	---	14
15	---	---	---	---	---	4.913	4.614	4.620	4.882	4.781	4.760	---	15
16	---	---	---	---	---	4.871	4.575	4.613	4.856	4.811	---	---	16
17	---	---	---	---	---	4.806	4.536	4.587	4.903	4.818	---	---	17
18	---	---	---	---	---	4.814	4.505	4.538	4.928	4.811	---	---	18
19	---	---	---	---	---	4.847	4.491	4.537	4.939	4.812	4.788	---	19
20	---	---	---	---	---	4.887	4.474	4.568	4.940	4.808	---	---	20
21	---	---	---	---	---	4.922	4.448	4.576	4.918	4.776	---	---	21
22	---	---	---	---	---	4.944	4.451	4.588	4.881	4.777	---	---	22
23	---	---	---	---	---	4.913	4.473	4.599	4.834	4.788	---	---	23
24	---	---	---	---	---	4.855	4.489	4.579	4.825	4.780	---	---	24
25	---	---	---	---	---	4.817	4.548	4.537	4.820	4.785	---	---	25
26	---	---	---	---	---	4.784	4.692	4.502	4.818	4.755	---	---	26
27	---	---	---	---	---	4.772	4.784	4.527	4.832	4.720	---	---	27
28	---	---	---	---	---	4.820	4.828	4.564	4.815	4.732	---	---	28
29	---		---	---	---	4.819	4.842	4.608	4.774	4.775	---	---	29
30	---		---	---	---	4.801	4.857	4.621	4.726	4.795	---	---	30
31	---		---		---		4.838	4.622		4.804		---	31
MEAN	---	---	---	---	---	---	4.674	4.627	4.758	4.816	---	---	MEAN
MAX	---	---	---	---	---	---	4.857	4.805	4.940	4.912	---	---	MAX
MIN	---	---	---	---	---	---	4.448	4.502	4.517	4.720	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 21 N
LONG 61 26 15 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS - STATION NO. 03OE005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	-0.075	---	---	---	---	0.661	0.448	0.442	0.516	0.280	0.306	---	1
2	0.079	---	---	---	---	0.584	0.453	0.400	0.588	0.346	---	---	2
3	0.181	---	---	---	---	0.452	0.412	0.333	0.653	0.400	---	---	3
4	0.230	---	---	---	---	0.396	0.369	0.314	0.637	0.424	---	---	4
5	0.226	---	---	---	---	0.385	0.396	0.409	0.547	0.439	---	---	5
6	0.269	---	---	---	---	0.367	0.394	0.360	0.480	0.509	---	---	6
7	0.177	---	---	---	---	0.326	0.330	0.331	0.439	0.562	---	---	7
8	0.182	---	---	---	---	0.294	0.238	0.323	0.429	0.619	---	---	8
9	0.207	---	---	---	---	0.298	0.222	0.293	0.468	0.607	---	---	9
10	0.168	---	---	---	---	0.385	0.267	0.261	0.387	0.609	---	---	10
11	0.364	---	---	---	---	0.480	0.309	0.211	0.366	0.577	---	---	11
12	---	---	---	---	1.524A	0.641	0.339	0.081	0.306	0.558	---	---	12
13	---	---	---	---	1.624A	0.684	0.321	0.060	0.356	0.515	---	---	13
14	---	---	---	---	1.684A	0.695	0.249	0.036	0.518	0.433	---	---	14
15	---	---	---	---	1.704A	0.680	0.148	0.022	0.646	0.359	---	---	15
16	---	---	---	---	1.794A	0.637	0.046	0.042	0.604	0.387	---	---	16
17	---	---	---	---	1.914A	0.599	-0.033	0.081	0.584	0.407	---	---	17
18	---	---	---	---	1.925A	0.626	-0.101	0.068	0.643	0.390	---	---	18
19	---	---	---	---	---	0.664	-0.132	-0.021	0.667	0.380	---	---	19
20	---	---	---	---	1.784A	0.720	-0.170	-0.024	0.689	0.379	---	---	20
21	---	---	---	---	1.664A	0.737	-0.233	0.507	0.656	0.346	---	---	21
22	---	---	---	---	1.564A	0.749	-0.222	0.566	0.616	0.296	---	---	22
23	---	---	---	---	1.494A	0.686	-0.202	0.532	0.560	0.337	---	---	23
24	---	---	---	---	1.374A	0.579	-0.168	[illegible]	0.486	0.372	---	---	24
25	---	---	---	---	1.254A	0.520	-0.089	0.573	0.434	0.343	---	---	25
26	---	---	---	---	1.094	0.493	0.106	0.636	0.438	0.249	---	---	26
27	---	---	---	---	0.912	0.514	0.301	0.658	0.459	0.210	---	---	27
28	---	---	---	---	0.804	0.539	0.408	0.591	0.409	0.202	---	---	28
29	---		---	---	0.781	0.526	0.442	0.529	0.375	0.209	---	---	29
30	---		---	---	0.782	0.474	0.446	0.517	0.306	0.249	---	---	30
31	---		---		0.739		0.433	0.611		0.295		---	31
MEAN	---	---	---	---	---	0.545	0.185	0.327	0.508	0.396	---	---	MEAN
MAX	---	---	---	---	---	0.749	0.453	0.658	0.689	0.619	---	---	MAX
MIN	---	---	---	---	---	0.294	-0.233	-0.024	0.306	0.202	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 60 46 24 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 0.101 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - GSC DATUM ESTABLISHED BY S.N.C.-LAVLIN NFLD. LTD. IN 1979

COME BY CHANCE RIVER NEAR GOOBIES - STATION NO. 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56	4.57	8.69	3.86	1.15	0.228	0.930	0.640	0.420	1.45	1.26	2.63	1
2	3.39	2.91	5.62	5.03	0.996	0.280	0.860	2.05	0.398	1.37	1.05	2.03	2
3	3.06	2.00	4.07	7.02	0.922	1.09	0.800	3.23	0.350	1.15	0.974	1.83	3
4	2.17	1.50 B	3.12	6.19	0.882	1.98	0.722	2.27	0.338	0.932	0.912	1.76	4
5	2.36	1.10 B	2.18	4.15	0.838	1.66	0.648	1.75	0.333	1.89	0.983	2.94	5
6	1.53	0.930B	1.80	2.91	0.945	1.27	0.581	1.32	0.324	4.48	1.02	2.40	6
7	1.20 B	0.820B	1.42 B	2.03	1.58	0.961	0.510	1.02	0.335	2.99	0.938	1.83	7
8	0.990B	0.730B	1.23 B	1.74	2.09	0.828	0.443	0.737	0.468	2.06	0.874	1.59	8
9	0.800B	0.625B	1.08 B	1.68	1.87	6.37	0.361	0.595	0.625	1.54	0.936	1.35 B	9
10	0.690B	0.590B	0.950B	1.66	1.59	5.76	0.331	0.769	0.645	1.30	5.14	1.18 B	10
11	0.595B	0.535B	0.860B	22.0	1.31	3.38	0.276	0.697	0.756	1.08	4.44	1.04 B	11
12	0.525B	0.490B	0.780B	17.4	1.06	2.43	0.263	0.522	0.633	0.910	2.68	0.920B	12
13	0.490B	0.463B	0.710B	9.41	0.678	1.71	0.254	0.522	0.623	0.788	2.01	0.840B	13
14	0.570B	0.440B	0.650B	7.12	0.759	1.24	0.228	0.436	0.726	0.665	1.71 B	0.765B	14
15	1.00 B	0.420B	0.595B	6.78	0.683	1.11	0.218	0.356	0.722	0.884	1.62 B	0.710B	15
16	1.89	0.400B	0.550B	6.68	0.623	0.986	0.210	0.297	0.665	1.01	1.37	0.555B	16
17	1.69	0.386B	0.505B	10.1	0.524	0.895	0.206	0.244	1.66	0.920	1.24	0.615B	17
18	1.31	0.372B	0.480B	7.70	0.445	1.25	0.209	0.201	3.86	3.01	1.04	0.570B	18
19	0.944	0.359B	0.455B	4.48	0.394	1.08	0.195	0.163	2.82	4.92	0.958	0.535B	19
20	1.16	0.348B	0.800B	2.99	0.641	0.828	0.882	0.146	1.91	3.37	0.880B	0.510B	20
21	7.69	0.338B	3.59	2.36	0.538	0.661	3.07	0.125	1.46	2.28	0.830B	0.710B	21
22	7.10	0.330B	3.37	2.23	0.587	0.559	3.12	0.106	1.16	1.70	0.782B	1.04 B	22
23	4.27	0.325B	2.20	2.23	0.728	0.469	2.18	0.091	0.943	1.38	0.750B	0.645B	23
24	3.35	0.315B	1.70	2.15	0.749	0.372	1.80	0.081	0.803	2.01	0.715B	0.710B	24
25	2.25 B	0.308B	1.74	2.08	0.887	0.345	1.13	0.092	0.702	2.42	8.66	0.630B	25
26	1.83 B	0.520B	1.47	2.02	0.580	0.322	0.837	0.109	0.613	1.93	7.11	0.745B	26
27	1.43 B	1.23	1.32	1.86	0.449	0.292	0.643	0.121	1.38	1.53	6.64	0.870B	27
28	12.6	5.11	2.30	1.64	0.384	0.273	0.519	0.125	3.57	1.87	8.88	0.785B	28
29	28.1		2.60	1.51	0.316	0.667	0.486	0.253	2.51	2.20	5.01	0.710B	29
30	10.5		2.35	1.30	0.252	0.932	0.593	0.361	1.84	1.90	3.35	0.635B	30
31	6.24		2.50		0.232		0.621	0.432		1.64		0.580B	31
TOTAL	113.284	28.486	61.685	150.51	25.452	40.228	23.937	19.961	34.012	57.589	73.662	35.070	TOTAL
MEAN	3.65	1.02	1.99	5.02	0.821	1.34	0.772	0.644	1.13	1.86	2.46	1.13	MEAN
MAX	28.1	5.11	8.69	22.0	2.09	6.37	3.12	3.23	3.86	4.92	8.88	2.94	MAX
MIN	0.480	0.308	0.455	1.30	0.232	0.228	0.195	0.081	0.324	0.665	0.715	0.510	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 28.1 ON JAN 29
MINIMUM DAILY, 0.081 ON AUG 24
MAXIMUM INSTANTANEOUS,
38.5E AT 04:42 NST ON JAN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 55 07 N
LONG 53 56 59 W
DRAINAGE AREA, 43.3 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 790	JUL	2 070
FEB	2 460	AUG	1 720
MAR	5 330	SEP	2 940
APR	13 000	OCT	4 980
MAY	2 200	NOV	6 360
JUN	3 460	DEC	3 030

TOTAL DISCHARGE, 57 400 dam^3

CORNER BROOK AT WATSONS BROOK POWERHOUSE - STATION NO. 02YL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.11	4.31	2.16	7.25	5.21	2.04	1.90	1.90	2.04	3.28	1.91	1.85	1
2	0.949	2.26	2.10	7.87	7.18	3.60	1.77	1.84	2.03	3.04	2.33	1.86	2
3	2.26	2.16	2.10	7.64	7.41	6.35	1.77	2.04	2.07	2.92	2.16	2.20	3
4	2.20	2.16	2.00	7.21	7.64	7.93	2.20	2.00	1.98	2.95	1.99	2.43	4
5	2.10	2.79	2.06	6.66	6.92	6.69	2.23	1.93	1.97	2.92	1.74	2.33	5
6	1.57	2.43	1.97	6.59	6.49	6.30	1.90	2.16	2.04	3.63	1.67	2.16	6
7	1.61	2.36	2.04	7.05	6.07	6.06	1.83	2.26	1.90	2.47	1.74	2.10	7
8	1.67	2.69	2.26	7.48	5.71	6.66	2.03	2.33	2.00	2.33	1.61	1.90	8
9	1.34	2.56	2.23	6.59	5.41	7.21	1.97	2.49	2.16	2.16	1.74	2.20	9
10	1.38	2.52	2.49	7.37	5.01	7.14	1.86	3.15	2.22	2.19	2.11	2.33	10
11	1.47	2.43	2.45	8.84	4.29	7.89	1.86	2.13	2.27	1.74	2.16	2.13	11
12	1.34	2.26	2.43	9.84	3.58	6.92	1.77	2.10	2.26	1.71	1.86	2.11	12
13	1.54	2.06	2.33	10.5	3.31	7.21	1.97	1.70	2.33	1.77	1.90	2.10	13
14	3.37	1.93	1.97	13.0	2.00	7.21	2.14	1.64	2.40	1.86	2.33	2.16	14
15	3.87	2.40	2.16	16.7	1.79	7.14	2.14	2.16	2.40	1.86	2.79	2.19	15
16	3.61	2.56	2.16	17.3	2.23	6.55	2.41	1.86	2.49	1.74	2.59	2.00	16
17	2.55	2.40	2.09	20.8	2.26	6.03	2.13	1.86	3.04	1.45	2.40	2.06	17
18	2.36	2.33	2.07	11.9	2.16	4.92	2.13	1.91	2.88	1.61	2.29	2.00	18
19	1.74	2.33	2.07	6.52	2.06	4.26	2.06	2.06	2.40	1.67	2.20	2.04	19
20	4.13	1.99	3.01	5.61	2.00	3.61	2.01	2.16	2.79	1.74	2.15	2.20	20
21	9.24	2.04	2.40	7.54	1.52	2.88	1.96	2.20	2.72	1.77	2.07	1.91	21
22	4.22	2.16	2.81	7.60	1.91	2.59	1.81	1.86	2.69	1.76	2.10	1.97	22
23	3.58	2.69	3.77	18.6	1.86	2.13	1.77	1.84	2.70	1.77	2.26	2.33	23
24	2.47	2.28	4.94	19.4	2.04	1.97	1.77	1.93	2.56	1.81	2.65	2.65	24
25	2.20	2.28	5.54	18.2	2.00	2.16	1.86	1.93	2.49	1.60	2.43	2.49	25
26	2.09	2.10	7.14	18.7	1.79	1.99	1.86	1.97	2.45	1.51	2.06	2.66	26
27	3.63	1.86	6.96	17.1	1.61	1.93	1.77	2.00	3.54	1.71	2.40	2.38	27
28	23.1	2.21	6.94	15.7	2.15	1.93	1.91	2.04	3.54	1.74	2.07	2.20	28
29	16.2		7.18	9.90	2.63	1.86	2.06	2.16	3.61	1.63	1.90	2.36	29
30	8.09		6.55	4.91	2.27	2.04	2.06	2.22	3.34	1.81	1.97	2.33	30
31	4.79		7.41		2.33		1.97	2.12		1.86		2.23	31
TOTAL	121.779	66.51	105.77	330.37	110.84	143.20	60.88	63.95	75.32	64.01	63.58	67.87	TOTAL
MEAN	3.93	2.38	3.41	11.0	3.58	4.77	1.96	2.06	2.51	2.06	2.12	2.19	MEAN
MAX	23.1	4.31	7.41	20.8	7.64	7.93	2.41	3.15	3.61	3.63	2.79	2.66	MAX
MIN	0.949	1.86	1.97	4.91	1.52	1.86	1.77	1.64	1.90	1.45	1.61	1.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.49
MAXIMUM DAILY, 23.1 ON JAN 28
MINIMUM DAILY, 0.949 ON JAN 2

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 26 N
LONG 57 54 11 W
DRAINAGE AREA, 127 km²

REGULATED

DATA CONTRIBUTED BY :
DEER LAKE POWER COMPANY LIMITED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 500	JUL	5 260
FEB	5 750	AUG	5 530
MAR	9 140	SEP	6 510
APR	28 500	OCT	5 530
MAY	9 580	NOV	5 490
JUN	12 400	DEC	5 860

TOTAL DISCHARGE, 110 000 dam³

EAGLE RIVER ABOVE FALLS - STATION NO. 03OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.8B	42.0B	30.3B	24.2B	1 100B	464	221E	310E	123	170	122 B	65.0B	1
2	48.0B	44.5B	29.9B	26.6B	1 090	462	223E	290A	125	166	118 B	64.0B	2
3	47.5B	45.8B	29.4B	31.1B	1 100	454	226E	271	130	167	113 B	63.2B	3
4	47.0B	45.7B	29.1B	38.0B	1 170	443	229E	266	134	169	109 B	62.3B	4
5	46.4B	45.0B	28.9B	44.5B	1 120	422	224E	245	135	166	106 B	61.7B	5
6	45.9B	43.5B	28.6B	52.0B	1 040	395	219E	232	132	171	103 B	60.6B	6
7	45.5B	42.0B	28.3B	54.1B	981	376	212E	223	129	182	100 B	59.9B	7
8	45.0B	41.0B	28.1B	51.5B	863	352	207E	208	130	191	97.5B	59.2B	8
9	44.5B	40.2B	27.8B	44.8B	810	338	200E	197	142	196	96.0B	58.4B	9
10	44.1B	39.6B	27.4B	38.8B	742	340	190E	188	158	195	93.5B	57.9B	10
11	43.7B	38.9B	27.2B	38.0B	674	343	182E	181	165	196	91.0B	57.1B	11
12	43.2B	38.2B	27.0B	39.5B	631	339	190E	175	165	193	89.7B	56.3B	12
13	42.8B	37.5B	26.9B	50.2B	604	329	205E	168	165	184	87.4B	55.9B	13
14	42.2B	37.0B	26.8B	65.2B	597	318	222E	160	177	176	85.5B	55.4B	14
15	41.8B	36.4B	26.7B	80.0B	608	308	230E	155	201	179	84.2B	54.8B	15
16	41.4B	35.8B	26.5B	101 B	633	301	231E	149	213	198	82.2B	54.2B	16
17	40.8B	35.2B	26.3B	129 B	678	300	222E	143	218	214	80.5B	53.8B	17
18	40.4B	34.9B	26.1B	155 B	747	301	208E	136	223	205	79.6B	53.2B	18
19	40.1B	34.3B	26.0B	182 B	829	301	188E	131	222	213	77.8B	52.5B	19
20	39.8B	33.8B	25.8B	237 B	887	299	170E	126	220	208	76.5B	52.0B	20
21	39.5B	33.4B	25.6B	281 B	895	296	157E	121	216	197	75.5B	51.5B	21
22	39.1B	33.0B	25.4B	342 B	844	289A	151E	114	212	195	74.3B	50.8B	22
23	38.8B	32.4B	25.2B	421 B	769	280E	160E	110	207	194	73.1B	50.3B	23
24	38.5B	32.1B	25.1B	520 B	680	268E	179E	109	209	192	71.9B	50.1B	24
25	38.1B	31.8B	25.0B	605 B	602	259E	194E	109	206	186	70.3B	49.8B	25
26	37.9B	31.4B	24.8B	742 B	531	248E	214E	108	198	163	69.6B	49.6B	26
27	37.6B	31.1B	24.6B	860 B	469	237E	234E	111	192	160	68.2B	49.0B	27
28	37.2B	30.7B	24.4B	1 050 B	448	229E	261E	113	187	144	67.5B	48.4B	28
29	36.9B		24.2B	1 110	444	224E	287E	119	182	136	66.4B	48.0B	29
30	37.3B		24.1B	1 120	441	220E	315E	120	177	131B	65.8B	47.6B	30
31	39.8B		24.0B		449		320E	121		127B		47.3B	31
TOTAL	1 289.6	1 047.2	825.5	8 543.5	23 496	9 735	6 671	5 199	5 283	5 564	2 595.0	1 699.6	TOTAL
MEAN	41.9	37.4	26.6	285	758	325	215	168	176	179	86.5	54.8	MEAN
MAX	48.8	45.8	30.3	1 120	1 170	464	320	310	223	214	122	65.0	MAX
MIN	36.9	30.7	24.0	24.2	441	220	151	108	123	127	65.8	47.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 197
MAXIMUM DAILY, 1 170 ON MAY 4
MINIMUM DAILY, 24.0B ON MAR 31
MAXIMUM INSTANTANEOUS,
1 430 AT 13:00 AST ON MAY 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 03 N
LONG 57 29 42 W
DRAINAGE AREA, 10 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	112 000	JUL	576 000
FEB	90 500	AUG	449 000
MAR	71 300	SEP	457 000
APR	738 000	OCT	481 000
MAY	2 030 000	NOV	224 000
JUN	841 000	DEC	147 000

TOTAL DISCHARGE, 6 220 000 dam³

EXPLOITS RIVER AT GRAND FALLS - STATION NO. 02YD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	134	217	184	184	433	197	172	147	102	161	148	101	1
2	137	191	183	201	265	188	157	138	125	163	151	84.4	2
3	125	185	183	238	242	230	157	127	141	159	149	91.7	3
4	118	174	182	209	226	241	153	120	135	156	151	92.3	4
5	119	182	184	186	217	211	164	137	123	159	155	94.9	5
6	116	193	181	179	188	195	145	129	123	199	142	105	6
7	110	175	175	174	183	190	140	127	122	189	142	104	7
8	79.0	190	193	172	183	181	135	136	124	144	134	89.8	8
9	57.2	186	185	160	149	203	143	119	135	150	135	83.3	9
10	56.6	184	185	196	153	183	164	123	139	148	162	102	10
11	70.8	183	177	328	150	193	153	131	128	149	176	119	11
12	76.5	183	178	495	146	193	157	139	131	151	173	132	12
13	87.8	184	182	552	136	197	146	136	127	148	154	144	13
14	109	182	174	555	134	200	145	131	131	149	136	119	14
15	122	171	181	580	135	189	140	126	134	155	142	123	15
16	141	173	177	699	139	198	152	131	128	153	142	125	16
17	149	161	174	943	136	210	152	124	141	159	163	103	17
18	158	175	171	867	144	192	152	129	174	156	137	104	18
19	157	181	173	708	149	206	136	129	170	151	122	105	19
20	159	181	174	479	146	203	135	128	154	155	114	104	20
21	166	183	172	340	151	198	156	135	138	160	108	105	21
22	169	182	179	286	153	195	146	135	125	154	105	88.9	22
23	166	184	179	289	164	189	168	141	118	155	103	77.5	23
24	184	181	179	388	163	192	137	148	136	164	99.4	81.0	24
25	178	179	181	456	181	187	155	153	136	199	121	67.1	25
26	160	180	169	595	176	197	140	155	153	176	131	79.0	26
27	160	185	174	646	172	192	140	151	177	168	147	88.5	27
28	177	185	171	631	183	185	136	153	178	160	162	87.5	28
29	252		166	612	168	190	164	153	173	153	119	76.7	29
30	240		173	561	184	176	149	153	165	150	113	76.7	30
31	226		185		195		136	129		150		73.9	31
TOTAL	4 381.9	5 110	5 524	12 911	5 546	5 931	4 615	4 215	4 188	4 943	4 134.4	3 029.7	TOTAL
MEAN	141	183	178	430	179	198	149	136	140	159	138	97.7	MEAN
MAX	252	217	193	943	433	241	172	155	178	199	176	144	MAX
MIN	57.2	161	166	160	134	176	135	118	102	144	99.4	67.1	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 177
MAXIMUM DAILY, 943 ON APR 17
MINIMUM DAILY, 57.2 ON JAN 9

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 50 N
LONG 55 40 07 W
DRAINAGE AREA, 8 460 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	379 000	JUL	399 000
FEB	442 000	AUG	364 000
MAR	477 000	SEP	362 000
APR	1 120 000	OCT	427 000
MAY	479 000	NOV	357 000
JUN	512 000	DEC	262 000

TOTAL DISCHARGE, 5 580 000 dam³

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC., GRAND FALLS DIVISION

EXPLOITS RIVER BELOW NOEL PAULS BROOK - STATION NO. 02YD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	197	215	---	348	190	181	174	150	134	131	91.5E	1
2	---	223	233	---	192	189	172	158	163	135	132	84.5E	2
3	---	353	203	---	187	190	183	154	159	131	134	84.0E	3
4	---	265	196	---	184	180	175	160	151	129	134	75.2A	4
5	---	283	196	---	166	149	172	162	148	134	131	76.0	5
6	---	278	181	---	139	150	145	158	147	144	121	91.7	6
7	---	347	219	---	137	164	150	155	149	124	123	100	7
8	136A	289	211	---	130	167	156	157	153	102	118	105	8
9	144	226	195	151A	119	173	172	154	169	113	114	130	9
10	162	221	183	149	128	170	176	155	163	120	134	152	10
11	178	220	203	185	129	174	164	168	159	130	141	143	11
12	197	183	197	285	123	171	164	163	164	127	135	142	12
13	216	186	193	320	124	172	152	161	159	125	132	126	13
14	225	201	190	309	128	182	152	157	154	129	134	121	14
15	250	200	202	288	127	179	155	158	148	130	128	127	15
16	269	188	175	381	129	190	156	160	135	134	122	129	16
17	280	212	184	614E	129	204	153	162	140	134	116	128	17
18	284	210	176	577E	132	201	147	165	138	133	115	133	18
19	273	204	177	472E	131	201	156	167	134	133	115	139	19
20	255	179	156	326E	131	201	160	166	123	132	114	124	20
21	233	171	---	209	137	200	165	168	112	138	111	109	21
22	240	179	---	142	139	195	164	174	103	132	110	108	22
23	253	169	---	169	143	194	164	184	106	131	110	106	23
24	269	167	---	290	155	190	160	187	132	143	107	108	24
25	244	175	---	402E	193	188	176	181	136	139	114	100	25
26	226	181	---	609E	194	192	175	176	135	141	119	95.4	26
27	221	194	---	642E	192	186	170	178A	142	130	116 A	92.1	27
28	228	176	---	632E	189	193	175	177	139	127	113 E	98.3	28
29	259		---	609E	189	194	181	176	138	128	104 E	96.0	29
30	230		---	506E	183	181	179	177	136	125	94.0E	95.5	30
31	192		---		186		177	135		130		95.0E	31
TOTAL	---	6 077	---	---	4 913	5 513	5 130	5 128	4 289	4 037	3 623.0	3 405.2	TOTAL
MEAN	---	217	---	---	158	184	165	165	143	130	121	110	MEAN
MAX	---	353	---	---	348	204	183	187	169	144	141	152	MAX
MIN	---	167	---	---	119	149	145	135	103	102	94.0	75.2	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 642E ON APR 27
MINIMUM DAILY, 75.2A ON DEC 4
MAXIMUM INSTANTANEOUS,
711E AT 22:46 NST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 27 N
LONG 56 16 33 W
DRAINAGE AREA, 6 370 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	443 000
FEB	525 000	AUG	443 000
MAR	---	SEP	371 000
APR	---	OCT	348 000
MAY	424 000	NOV	313 000
JUN	476 000	DEC	284 000

EXPLOITS RIVER BELOW STONY BROOK - STATION NO. 02YO005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	144	336	220E	220E	604E	246	206E	223	158	214	197	145	1
2	155	308	219E	240E	317E	250	189E	216	194	211	200	126	2
3	139	273	219E	283E	289E	291	189E	201	198	211	200	132	3
4	141	243	218E	250E	272E	286E	228A	193	189	205	203	140	4
5	140	221	173A	223E	259E	252E	230	204	180	208	208	148	5
6	148	249	173	215E	237E	233E	213	204	178	266	194	148	6
7	140	245	165	209E	219E	228E	195	194	178	265	189	158	7
8	104	228	175	206E	219E	217E	199	196	182	226	186	138	8
9	78.7	238	179	329A	180E	243E	211	192	198	198	181	111	9
10	78.7	242	173	243E	184E	231E	228	193	197	201	205	147	10
11	92.4	239	172A	391E	180E	231E	221	205	195	207	244	173	11
12	85.6	230A	213E	583E	178E	231E	225	216	194	208	236	178	12
13	106	221E	219E	651E	164E	235E	219	210	193	207	223	193	13
14	135	219E	209E	654E	151E	240E	205	196	193	202	216	178	14
15	147	205E	217E	682E	162E	238E	200	195	191	209	220	171	15
16	157	207E	212E	818E	158E	236E	218	197	188	221	192	162	16
17	186	194E	208E	1 100E	164E	251E	219	195	206	218	221	160	17
18	204	210E	205E	1 010E	173E	230E	206	202	282	215	187	157	18
19	214	217E	207E	830E	180E	247E	201	202	265	211	186	160	19
20	215	217E	209E	564E	182A	243E	217	204	237	214	174	158	20
21	237	219E	207E	402E	191	237E	219	207	213	218	153	171	21
22	237	218E	215E	340E	200	233E	218	206	196	210	161	149	22
23	250	220E	215E	343E	202	226E	213	216	173	211	155	131	23
24	254	217E	214E	559E	208	230E	203	225	188	234	151	138	24
25	234	215E	217E	538E	237	224E	209	223	212	262	193	143	25
26	205	216E	202E	700E	246	236E	228	218	215	242	184	139	26
27	196	222E	209E	759E	245	230E	219	216	229	225	196	147	27
28	235	222E	206E	742E	239	222E	214	218A	238	217	223	134	28
29	352		199E	719E	236	228E	222	214	229	206	188	119	29
30	393		207E	660E	235	211E	222	215	225	202	163	120	30
31	346		222E		251		221	200		201		118	31
TOTAL	5 787.4	6 491	6 288	15 363	6 980	7 138	6 607	6 397	6 112	6 748	5 826	4 612	TOTAL
MEAN	186	232	203	512	225	238	213	206	204	218	194	149	MEAN
MAX	393	336	222	1 100	604	291	230	225	282	268	244	193	MAX
MIN	78.7	194	165	206	151	211	189	192	158	198	151	111	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 231
MAXIMUM DAILY, 1 100E ON APR 17
MINIMUM DAILY, 78.7 ON JAN 9

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 27 N
LONG 55 39 29 W
DRAINAGE AREA, 8 640 km^2
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	498 000	JUL	571 000
FEB	561 000	AUG	553 000
MAR	544 000	SEP	528 000
APR	1 330 000	OCT	583 000
MAY	603 000	NOV	503 000
JUN	617 000	DEC	398 000

TOTAL DISCHARGE, 7 290 000 dam^3

GANDER RIVER AT BIG CHUTE - STATION NO. 02YQ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.4	329	49.6	86.3	239	50.2	39.3	49.0	20.9	100	129	102	1
2	47.3	330	50.2	87.6	220	50.5	41.6	48.9	20.7	95.3	122	105	2
3	48.5	310	54.6	118	202	57.5	42.6	48.0	18.4	91.9	115	103	3
4	50.6	279	57.2	154	184	84.8	43.2	47.1	18.8	89.2	111	102	4
5	50.5	260	59.0	178	166	112	42.9	46.0	20.9	87.6	106	99.7	5
6	53.6	222	58.9	181	153	121	43.0	43.5	21.8	102	88.9	98.6	6
7	54.6	196	58.5B	182	145	122	44.3	42.2	22.4	128	93.4	99.4	7
8	51.3	176	57.5B	186	137	118	45.1	41.1	23.4	140	86.6	96.3	8
9	50.6	155	56.4	178	131	114	46.2	39.1	23.6	143	84.1	89.6	9
10	49.6	138	54.9	170	127	107	49.2	37.8	24.4	138	85.6	84.3	10
11	48.6	128	53.5	189	121	103	51.3	37.7	23.7	134	89.4	80.3	11
12	47.1	118	51.5	361	114	98.2	55.2	39.1	24.0	130	93.3	77.8	12
13	47.4	108	50.6	514	108	94.7	62.2	39.1	25.6	123	94.2	73.5	13
14	48.0	99.7	48.9	807	101	89.6	66.6	38.6	25.6	117	93.1	70.2	14
15	47.2	92.2	47.4	881	95.0	84.4	68.5	37.8	25.3	114	86.7	68.3	15
16	50.0	83.5	45.6	803	88.6	78.8	68.0	36.5	26.0	109	81.6	64.8	16
17	51.5	79.9	44.6	901	83.8	76.7	68.3	35.2	28.7	105	77.9	62.0	17
18	56.6	73.7	43.3	922	79.3	72.0	69.2	33.8	45.9	102	75.8	59.2	18
19	58.4	68.3	42.6	847	73.5	65.6	68.6	32.3	83.8	102	72.9	55.5	19
20	61.5	63.5	41.5B	737	70.5	61.5	67.5	30.2	104	88.1	68.6	53.7	20
21	67.6	60.5	41.0B	631	68.6	58.2	69.0	28.0	111	97.2	67.6	50.1	21
22	89.1	58.0	43.0B	544	67.2	55.6	69.1	26.6	114	97.9	64.7	50.1	22
23	119	55.0	44.0B	473	65.4	52.7	67.8	27.2	111	95.5	61.9	48.8	23
24	124	53.2	46.0B	421	65.3	50.9	65.5	25.5	108	103	63.0	47.5	24
25	136	52.0	52.3	385	63.6	48.4	64.8	24.7	103	124	62.9	46.5	25
26	133	51.6	54.5	351	63.3	45.4	60.4	25.2	98.2	139	63.6	46.6	26
27	127	50.6	54.1	325	61.2	42.5	58.1	24.1	94.2	144	71.2	44.1	27
28	128	49.0	55.4	302	58.8	40.9	55.8	23.5	96.6	143	80.6	42.6	28
29	171		56.8	278	55.9	39.4	53.1	23.0	98.7	140	91.7	44.3	29
30	246		57.2	260	54.3	37.8	51.4	22.7	101	138	98.4	44.4	30
31	286		59.6		52.1		50.1	21.8		130		44.2	31
TOTAL	2 666.0	3 730.9	1 590.2	12 083.9	3 314.3	2 234.5	1 747.7	1 078.3	1 663.8	3 601.9	2 591.1	2 155.1	TOTAL
MEAN	86.0	133	51.3	402	107	74.5	56.4	34.8	55.5	116	86.4	69.5	MEAN
MAX	286	330	59.6	922	239	122	69.2	49.0	114	144	129	105	MAX
MIN	46.4	49.0	41.0	86.3	52.1	37.8	39.3	21.8	18.4	87.6	61.9	42.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 922 ON APR 18
MINIMUM DAILY, 18.4 ON SEP 3
MAXIMUM INSTANTANEOUS,
933 AT 05:03 NST ON APR 18

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 55 N
LONG 54 51 13 W
DRAINAGE AREA, 4 400 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	230 000	JUL	151 000
FEB	322 000	AUG	93 200
MAR	137 000	SEP	144 000
APR	1 040 000	OCT	311 000
MAY	286 000	NOV	224 000
JUN	193 000	DEC	186 000

TOTAL DISCHARGE, 3 330 000 dam^3

GARNISH RIVER NEAR GARNISH - STATION NO. 02ZG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10B	19.9	12.2 B	21.5	8.51	2.00	9.87	3.84	3.04	5.68	6.61	13.4 E	1
2	10.0 B	15.5 B	14.3 B	20.9	7.88	1.99	10.3	3.87	3.06	5.48	6.22	10.8 E	2
3	16.2 B	12.9 B	15.7 B	22.9	7.24	4.07	10.8	3.64	3.13	5.15	5.99A	9.10E	3
4	15.3 B	11.4 B	16.0 B	24.8	6.64	6.35	8.92	3.85	3.00	4.94	6.05E	9.70A	4
5	16.7 B	10.2 B	14.8 B	22.3	5.85	11.1	8.23	4.03	2.82	5.99	6.20E	10.1 A	5
6	17.7 B	9.10B	12.7	18.6	5.23	12.0	7.44	4.05	2.63	13.8	6.43E	10.4	6
7	15.2 B	8.20B	10.6	14.8	4.96	11.3	6.72	3.87	2.33	17.9	6.20E	9.90B	7
8	13.3 B	7.35B	10.0	11.8	4.81	10.5	6.06	3.52	2.97	16.0	6.00E	9.10B	8
9	11.2 B	6.75B	9.20B	10.2	4.61	40.2	5.51	3.17	4.20	13.5	6.10E	8.25B	9
10	10.1 B	6.20B	8.50B	17.8	4.30	92.2	5.00	3.04	5.55	11.2	15.5 E	7.55B	10
11	9.30B	5.80B	7.90B	55.1	4.11	61.5	4.48	2.81	6.36	9.25	19.1 E	6.85B	11
12	8.40B	5.35B	8.45B	80.6	3.93	38.8	3.93	2.53	6.61	7.64	16.1 E	6.30B	12
13	7.60B	5.05B	10.1 B	61.2	3.58	25.9	3.56	2.18	6.35	6.53	14.8 E	5.85B	13
14	7.15B	4.75B	9.45B	46.4	3.08	18.8	3.19	2.01	6.63	5.69	12.3 E	5.50B	14
15	6.55B	4.50B	8.60B	44.0	2.57	14.1	2.77	1.99	7.03	4.67	11.2 E	5.20B	15
16	6.10B	4.23B	8.15B	52.6	2.34	10.6	2.51	1.87	6.99	4.45	10.7 E	4.95B	16
17	5.65B	4.01B	7.75B	90.4	2.27	8.48	2.29	1.72	9.13	4.21	10.1 E	4.62B	17
18	5.30B	3.86B	7.35B	92.2	2.12	7.51	2.14	1.52	14.2	5.29	9.60E	4.38B	18
19	5.05B	3.68B	7.00B	58.2	1.94	6.65	2.00	1.46	16.3	6.22	9.15E	4.17B	19
20	7.50B	3.54B	6.55	37.1	2.02	5.96	3.62	1.39	14.7	7.43	8.80E	3.95B	20
21	12.2 B	3.42B	8.95	26.0	2.02	5.44	4.03	1.33	12.1	7.38	8.30E	4.30B	21
22	21.3 B	3.28B	13.1	19.8	1.97	4.95	5.34	1.27	9.94	7.03	10.9 E	4.58B	22
23	16.3 B	3.19B	12.2	15.8	1.95	4.41	6.23	1.19	8.20	6.81	16.1 E	4.19B	23
24	14.7 B	3.10B	10.4	13.1	2.05	3.90	6.39	1.04	7.02	6.76	14.5 E	3.90B	24
25	12.6 B	3.04B	9.68	11.2	2.32	3.42	6.10	1.11	6.07	6.73	16.8 E	3.71B	25
26	10.9 B	3.68B	8.82	9.93	2.51	3.09	5.76	1.09	5.45	7.24	19.8 E	4.35B	26
27	9.10B	4.75B	9.13	9.55	2.42	2.91	5.37	1.18	5.00	7.42	24.2 E	5.20B	27
28	8.25B	7.00B	16.1	9.32	2.36	2.72	4.88	1.33	4.73	7.52	26.1 E	5.80B	28
29	15.0 B		23.5	9.19	2.40	5.90	4.55	1.75	5.08	7.79	20.8 E	6.45B	29
30	22.9		26.2	8.93	2.32	7.30	3.90	2.16	5.35	8.03	16.2 E	5.90B	30
31	22.4		23.3		2.12		3.70	2.82		7.88		5.45B	31
TOTAL	367.05	183.73	366.68	935.42	112.43	434.03	165.18	72.03	195.97	241.19	366.85	204.90	TOTAL
MEAN	11.8	6.56	11.8	31.2	3.63	14.5	5.33	2.32	6.53	7.78	12.2	6.61	MEAN
MAX	22.9	19.9	26.2	92.2	8.51	92.2	10.8	4.05	16.3	17.9	26.1	13.4	MAX
MIN	5.05	3.04	6.55	8.93	1.94	1.99	2.00	1.04	2.33	4.21	5.99	3.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.98
MAXIMUM DAILY, 92.2 ON APR 18
MINIMUM DAILY, 1.04 ON AUG 24
MAXIMUM INSTANTANEOUS,
105 AT 23:20 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 50 N
LONG 55 19 45 W
DRAINAGE AREA, 205 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 700	JUL	14 300
FEB	15 900	AUG	6 220
MAR	31 700	SEP	16 900
APR	80 800	OCT	20 800
MAY	9 710	NOV	31 700
JUN	37 500	DEC	17 700

TOTAL DISCHARGE, 315 000 dam³

GLIDE BROOK BELOW GLIDE LAKE - STATION NO. 02YK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.08	7.79	1.22 B	7.20E	4.88	0.818	0.430E	0.510E	0.315E	0.760E	1.20 E	2.80 E	1
2	1.82 B	5.31	1.11 B	18.1 E	3.98	1.31	0.410E	0.560E	0.340E	0.640E	1.50 E	1.90 E	2
3	1.62 B	3.80	1.01 B	15.0 E	3.65	6.14	0.389E	0.430E	0.570E	1.27 A	1.75 E	2.10 E	3
4	1.48 B	3.10 B	0.930B	11.2 E	3.18	11.7	0.540E	0.355E	0.520E	2.10 E	1.40 E	2.46 E	4
5	1.33 B	2.60 B	0.860B	8.60E	2.63	10.9	0.860E	0.310E	0.460E	3.40 E	1.17 E	2.10 E	5
6	1.23 B	2.25 B	0.800B	6.40E	2.19	8.16	1.20 E	0.280E	0.410E	1.70 E	1.02 E	1.85 E	6
7	1.12 B	1.93 B	0.740B	5.03E	1.82	6.57	1.00 E	0.260E	0.370E	1.35 E	0.935E	1.70 E	7
8	1.03 B	1.78 B	0.690B	3.80E	1.61	3.93	0.860E	0.305E	0.345E	1.10 E	1.30 E	1.50 B	8
9	0.957B	1.48 B	0.641B	2.90E	1.48	3.71	0.720E	0.400E	0.315E	0.860E	2.40 E	1.36 B	9
10	0.908B	1.30 B	0.610B	3.84E	1.29	3.21	0.675E	1.60 E	0.280E	1.15 E	5.40 E	1.25 B	10
11	0.850B	1.17 B	0.570B	5.30E	1.19	3.00	0.675A	3.90 E	0.300E	0.920E	4.40 E	1.14 B	11
12	0.801B	1.05 B	0.549B	7.20E	0.992	2.69	0.693	2.20 E	0.380E	0.740E	3.10 E	1.03 B	12
13	0.770B	0.968B	0.518B	9.70E	0.889	2.15	0.686	1.10 E	0.800E	0.590E	2.50 E	0.960B	13
14	0.875B	0.880B	0.492B	13.3 E	0.875	1.84	0.721A	0.700E	0.740E	0.740E	2.30 B	0.880B	14
15	1.15 B	0.815B	0.470B	18.0 E	0.835	1.58	0.800E	0.540E	0.640E	0.860E	2.00 B	0.820B	15
16	5.08	0.750B	0.450B	24.0 E	0.741	1.26	0.720E	0.435E	0.590E	0.900E	1.80 B	0.760B	16
17	4.88	0.695B	0.430B	28.3 E	0.703	1.13	0.620E	0.360E	1.78 E	0.730E	1.60 B	0.720B	17
18	4.28	0.648B	0.417B	22.5 E	0.623	1.08	0.540E	0.310E	1.40 E	0.660E	1.48 B	0.670B	18
19	3.65	0.600B	0.400B	17.7 A	0.578	1.02 E	0.460E	0.370E	1.00 E	0.580E	1.70 B	0.625B	19
20	3.00	0.569B	0.385B	12.6	0.607	0.960E	0.410E	0.520E	0.700E	0.550E	1.60 B	0.590B	20
21	4.23	0.530B	1.10 B	9.72	1.01	0.900E	0.370E	0.440E	0.590E	0.525E	1.60 E	0.560B	21
22	6.18	0.500B	1.85 B	10.6	1.38	0.820E	0.340E	0.310E	0.530E	0.520E	2.50 E	0.535B	22
23	6.86	0.480B	2.03 B	13.5	1.60	0.780E	0.300E	0.295E	0.500E	0.900E	3.50 E	0.505B	23
24	5.76	0.660B	2.04	15.2	1.64	0.700E	0.280E	0.320E	0.812A	1.45 E	5.20 E	0.480B	24
25	4.20 B	1.00 B	1.88	14.2	1.38	0.640E	0.261E	0.340E	1.20 E	1.20 E	6.86 E	0.470B	25
26	2.80 B	1.48 B	1.62	12.0	1.20	0.600E	0.241E	0.400E	2.00 E	0.960E	7.50 E	3.50 B	26
27	2.20 B	1.50 B	1.43	10.6	1.01	0.560E	0.231E	0.390E	3.25 E	0.820E	6.61 E	3.00 B	27
28	3.58	1.38 B	1.28	9.06	0.862	0.520E	0.221E	0.380E	2.00 E	0.755E	7.30 E	2.60 B	28
29	10.1		1.30	7.32	0.794	0.490E	0.216E	0.400E	1.40 E	1.15 E	6.60 E	2.25 B	29
30	12.9		1.17 A	6.14	0.791	0.460E	0.260E	0.370E	0.960E	1.35 E	4.20 E	1.95 B	30
31	11.3		2.60 E		0.787		0.310E	0.350E		1.50 E		1.80 B	31
TOTAL	109.031	47.015	31.692	348.91	47.207	78.588	16.449	19.440	25.497	32.730	91.615	44.865	TOTAL
MEAN	3.52	1.68	1.02	11.6	1.52	2.62	0.531	0.627	0.850	1.06	3.05	1.45	MEAN
MAX	12.9	7.79	2.60	28.3	4.88	11.7	1.20	3.90	3.25	3.40	7.60	3.50	MAX
MIN	0.770	0.480	0.385	2.90	0.578	0.460	0.216	0.280	0.280	0.520	0.935	0.470	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.45
MAXIMUM DAILY, 28.3E ON APR 17
MINIMUM DAILY, 0.216E ON JUL 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 50 N
LONG 57 22 09 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 420	JUL	1 420
FEB	4 060	AUG	1 680
MAR	2 740	SEP	2 200
APR	30 100	OCT	2 830
MAY	4 080	NOV	7 920
JUN	6 790	DEC	3 880

TOTAL DISCHARGE, 77 100 dam³

NEWFOUNDLAND AND LABRADOR

GRANDY BROOK BELOW TOP POND BROOK - STATION NO. 02ZC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.80B	17.2	4.30B	6.79B	8.76	2.14	3.20	3.06	2.24	5.63	3.38	7.50B	1
2	9.00B	8.30B	3.80B	7.42B	10.9	8.40	2.65	3.72	2.51	5.61	3.95	6.70B	2
3	8.13B	6.40B	3.40B	12.5 B	14.6	33.7	2.27	2.41	3.11	3.65	6.78A	6.30B	3
4	7.19B	5.28B	3.10B	9.00B	10.4	20.0	2.10 A	1.75	2.43	2.74	4.63	26.1	4
5	6.58B	4.47B	2.85B	7.00B	7.59	7.81	3.56	1.68	2.06	53.2	11.3	19.9	5
6	6.00B	3.92B	2.60B	5.30B	6.62	5.21	4.19	1.27	1.91	22.8	6.72	9.17	6
7	5.49B	3.49B	2.38B	4.00B	5.47	3.76	2.76	0.927	1.95	9.28	4.60	6.89	7
8	5.08B	3.10B	2.20B	3.00B	4.57	4.45	1.91	0.760	2.50	6.09	3.76	6.05	8
9	4.73B	2.82B	2.01B	2.39B	4.14	15.1	1.82	2.10	2.19	4.88	13.8	5.40B	9
10	4.45B	2.62B	1.90B	90.0 B	3.87	7.86	1.34	6.50	1.74	5.91	40.1	5.18B	10
11	4.18B	2.42B	1.78B	137	3.75	5.72	1.27	7.79	1.42	4.64	9.99	4.65B	11
12	4.00B	2.28B	1.68B	72.2	3.46	4.36	1.33	4.37	3.19	3.81	6.44	4.30B	12
13	16.5 B	2.11B	1.58B	55.3	3.16	3.34	1.09	3.28	83.4	3.32	4.97	3.95B	13
14	69.9 B	2.00B	1.49B	70.4	2.94	2.61	0.957	2.25	20.2	3.02	3.62	3.70B	14
15	81.4	1.88B	1.40B	83.3	2.74	2.44	1.36	1.68	7.86	86.7	4.14	3.45B	15
16	20.6	1.80B	1.33B	151	2.48	2.23	3.99	1.27	5.33	18.6	4.95	3.25B	16
17	11.4	1.70B	1.27B	149	2.36	69.1	2.89	1.11	68.4	8.47	4.26	3.00B	17
18	8.39	1.63B	1.21B	37.6	2.27	39.7	1.85	1.00	22.4	6.39	3.58	2.85B	18
19	6.94	1.55B	1.15B	21.7	2.52	10.5	1.33	0.892	9.20	6.92	4.20B	2.70B	19
20	91.0	1.64B	2.50B	18.4	2.91	6.77	1.30	0.894	6.26	7.22	3.95B	2.55B	20
21	139	1.80B	6.99B	28.8	3.04	4.74	1.78	0.835	4.74	5.90	7.28	2.45B	21
22	36.9	1.73B	6.20B	38.0	5.38	3.66	1.71	0.672	4.00	6.18	6.88	2.35B	22
23	15.1	1.65B	5.00B	42.9	10.8	3.26	1.31	0.618	3.57	10.3	8.37	2.27B	23
24	9.58	1.70B	4.20B	63.4	5.92	5.09	1.04	0.787	3.61	24.3	14.4	2.18B	24
25	8.25	1.80B	3.70B	50.4	3.75	7.94	0.838	1.03	3.94	10.1	62.4	2.10B	25
26	8.75	2.50B	3.00B	50.1	2.76	7.13	0.751	20.7	3.38	6.00	19.8	7.00B	26
27	92.5	5.99B	3.60B	29.2	2.38	4.57	0.679	10.7	7.47	4.49	46.7	12.8 B	27
28	314 E	5.60B	5.99B	27.0	2.05	3.47	0.590	35.5	5.72	4.72	40.6	10.8 B	28
29	100		5.40B	19.4	2.00	4.00	0.647	20.1	3.66	5.00	13.7	9.40B	29
30	23.2		4.85B	11.9	2.16	3.72	1.85	8.35	2.85	4.46	9.23	8.60B	30
31	62.8		7.40B		2.13		1.49	4.88		4.30		8.00B	31
TOTAL	1 171.24	99.40	100.26	1 359.40	148.50	322.78	55.872	152.895	294.24	356.63	378.48	201.54	TOTAL
MEAN	37.8	3.55	3.23	45.3	4.79	10.8	1.80	4.93	9.81	11.5	12.6	6.50	MEAN
MAX	314	17.2	7.40	151	14.6	69.1	4.19	35.5	83.4	86.7	62.4	26.1	MAX
MIN	4.00	1.55	1.15	2.39	2.00	2.14	0.590	0.618	1.42	2.74	3.38	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 314E ON JAN 28
MINIMUM DAILY, 0.590 ON JUL 28
MAXIMUM INSTANTANEOUS,
413E AT 02:58 NST ON JAN 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 51 27 N
LONG 57 44 00 W
DRAINAGE AREA, 230 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	101 000	JUL	4 830
FEB	8 590	AUG	13 200
MAR	8 660	SEP	25 400
APR	117 000	OCT	30 800
MAY	12 800	NOV	32 700
JUN	27 900	DEC	17 400

TOTAL DISCHARGE, 400 000 dam^3

GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE - STATION NO. 02YD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.0 B	30.0 B	6.60B	35.0B	24.4	6.93	4.09	5.32	2.60	13.1	16.2	11.8 B	1
2	27.0 B	22.0 B	10.0 B	50.0B	21.6	7.23	4.11	6.30	2.24	12.2	14.7	10.2 B	2
3	21.0 B	16.0 B	11.5 B	64.0B	20.1	24.2	4.19	6.93	2.52	10.6	14.4	9.60B	3
4	16.5 B	12.5 B	9.80B	82.0B	18.7	71.4	4.05	6.49	3.42	9.83	14.0	13.5 B	4
5	13.0 B	10.8 B	8.40B	84.5B	16.7	53.7	5.46	5.36	4.06	11.5	13.1	17.0 B	5
6	10.8 B	9.30B	7.58B	46.0B	15.1	25.0	9.82	4.83	4.59	42.2	10.8	19.0 B	6
7	9.00B	8.20B	6.60B	32.0B	14.0	25.8	13.9	4.20	4.77	44.5	10.0 B	16.0 B	7
8	7.40B	7.30B	5.98B	23.0B	13.3	19.8	11.2	3.70	4.75	31.6	9.20B	14.0 B	8
9	5.94B	6.60B	5.45B	19.0B	12.7	16.6	9.28	3.39	4.53	24.4	8.60B	12.3 B	9
10	5.50B	6.10B	5.00B	15.5B	12.0	13.9	8.45	3.21	4.50	21.0	13.5	11.0 B	10
11	5.10B	5.70B	4.60B	105 B	11.0	12.4	8.58	4.66	3.83	18.6	19.6	9.80B	11
12	4.70B	5.30B	4.20B	291 E	10.1	11.3	10.5	4.85	3.44	15.9	16.0 B	8.80B	12
13	4.45B	5.00B	3.90B	214 E	9.52	10.0	12.5	4.54	3.71	14.1	12.0 B	8.00B	13
14	7.40B	4.70B	3.70B	198	8.62	8.49	12.9	4.14	4.33	12.6	9.20B	7.30B	14
15	11.0 B	4.50B	3.50B	210 E	7.74	7.47	11.1	3.50	5.05	12.5	8.20B	6.70B	15
16	18.0 B	4.26B	3.30B	260 E	7.12	6.70	13.3	2.95	5.29	14.3	7.50B	6.10B	16
17	22.0 B	4.08B	3.10B	338 E	6.30	6.32	18.1	2.54	9.60	14.7	7.00B	5.80B	17
18	24.0 B	3.85B	2.85B	209 E	5.95	5.81	16.2	2.22	59.8	13.6	6.60B	5.50B	18
19	18.0 B	3.70B	2.80B	98.4	5.51	5.44	12.4	2.02	55.6	13.5	6.20B	5.20B	19
20	15.0 B	3.55B	5.40B	65.5	5.77	5.03	11.0	1.84	37.0	14.3	5.85B	5.00B	20
21	30.0 B	3.40B	9.00B	50.7	8.24	4.86	11.6	1.71	27.7	17.0	5.63B	9.00B	21
22	45.0 B	3.25B	13.0 B	48.5	10.8	3.98	12.1	1.51	21.1	17.3	5.42B	13.0 B	22
23	86.0 B	3.15B	21.0 B	48.9	12.3	3.70	10.4	1.40	17.1	16.1	5.25B	12.0 B	23
24	74.0 B	3.00B	17.0 B	48.2	14.3	3.28	8.64	1.38	14.6	27.2	5.05B	11.0 B	24
25	60.0 B	3.20B	15.0 B	44.8	12.1	3.28	6.98	1.37	12.5	44.8	4.90B	10.3 B	25
26	50.0 B	3.90B	13.2 B	41.5	10.1	3.18	5.72	1.61	10.8	36.4	9.50B	9.60B	26
27	40.0 B	4.80B	11.8 B	37.1	8.53	2.81	5.17	1.72	11.2	27.5	15.0 B	11.9 B	27
28	30.5 B	5.80B	10.2 B	34.6	7.62	2.75	4.48	1.88	16.9	22.1	24.0 B	11.0 B	28
29	118 B		13.0 B	31.0	6.49	2.63	4.29	2.50	17.7	20.1	18.5 B	10.3 B	29
30	60.0 B		17.5 B	28.1	6.46	2.55	4.49	2.67	15.2	19.1	15.2 B	9.50B	30
31	44.0 B		23.0 B		6.89		4.74	2.67		17.9		8.90B	31
TOTAL	917.29	203.84	278.06	2 853.3	350.06	386.34	279.74	103.42	390.45	630.53	331.10	319.10	TOTAL
MEAN	29.6	7.28	8.97	95.1	11.3	12.9	9.02	3.34	13.0	20.3	11.0	10.3	MEAN
MAX	118	30.0	23.0	338	24.4	71.4	18.1	6.93	59.8	44.8	24.0	19.0	MAX
MIN	4.45	3.00	2.80	15.5	5.51	2.55	4.05	1.37	2.24	9.83	4.90	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.3
MAXIMUM DAILY, 338E ON APR 17
MINIMUM DAILY, 1.37 ON AUG 25
MAXIMUM INSTANTANEOUS,
367E AT 11:40 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 38 N
LONG 55 31 50 W
DRAINAGE AREA, 823 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	79 300	JUL	24 200
FEB	17 600	AUG	8 940
MAR	24 000	SEP	33 700
APR	247 000	OCT	54 500
MAY	30 200	NOV	28 600
JUN	33 400	DEC	27 600

TOTAL DISCHARGE, 608 000 dam^3

GREAVETT BROOK ABOVE PORTLAND CREEK POND - STATION NO. 02YE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70 B	7.80 B	0.835B	2.20B	8.61	2.40	1.80	1.61	1.33	2.21	6.65	2.70 B	1
2	3.50 B	6.40 B	0.780B	4.00B	7.76	2.87	1.74	1.48	1.56	4.35	7.23	2.60 B	2
3	2.70 B	5.40 B	0.720B	3.60B	11.9	5.84	1.71	1.36	1.60	5.17	8.87	2.70 B	3
4	2.20 B	4.67 B	0.665B	3.15B	12.3	9.57	1.66	1.40	1.63	4.11	6.36	2.75 B	4
5	1.76 B	4.02 B	0.618B	2.80B	7.95	11.0	1.70	1.80	1.71	3.95	4.74	2.55 B	5
6	1.50 B	3.50 B	0.579B	2.50B	5.46	9.36	1.70	2.11	1.58	4.12	3.60	2.32 B	6
7	1.24 B	3.05 B	0.540B	2.28B	4.27	6.39	1.62	2.13	1.40	3.79	3.22	2.14 B	7
8	1.10 B	2.70 B	0.501B	2.05B	3.74	5.13	1.48	3.49	1.20	3.24	2.83	1.97 B	8
9	0.860B	2.40 B	0.475B	1.85B	3.55	7.14	1.56	5.81	1.05	3.94	2.70	1.80 B	9
10	0.870B	2.15 B	0.448B	2.60B	2.92	16.2	1.63	6.43	1.06	8.77	5.30	1.66 B	10
11	0.790B	1.83 B	0.420B	4.00B	2.88	15.9	1.73	5.82	0.954	7.46	7.41	1.55 B	11
12	0.730B	1.72 B	0.395B	5.63	2.89	10.7	1.77	4.73	1.14	5.34	5.63	1.45 B	12
13	0.820B	1.57 B	0.374B	10.8	3.26	7.24	1.81	4.01	1.14	4.88	4.51	1.35 B	13
14	1.30 B	1.44 B	0.355B	15.0	3.60	5.27	1.59	3.41	1.04	4.54	3.97	1.25 B	14
15	1.55 B	1.32 B	0.338B	21.6 A	4.30	4.20	1.55	2.80	1.69	5.71	3.50B	1.15 B	15
16	1.63 B	1.22 B	0.320B	18.6	5.74	3.87	1.50	2.23	2.44	8.48	3.00B	1.11 B	16
17	1.28 B	1.12 B	0.305B	22.4	6.67	4.18	1.46	1.88	2.97	7.24	2.70B	1.04 B	17
18	1.17 B	1.06 B	0.292B	18.3	7.24	5.34	1.43	1.66	2.83	5.37	2.45B	0.960B	18
19	1.00 B	0.970B	0.279B	11.8	8.33	5.13	1.37	1.53	2.27	4.24	2.23B	0.920B	19
20	2.20 B	0.910B	1.50 B	6.73	8.43	4.08	1.21	1.41	2.18	3.65	2.07B	0.880B	20
21	4.40 B	0.850B	1.47 B	8.54	5.93	3.32	1.21	1.22	1.99	3.20	1.94B	0.830B	21
22	7.00 B	0.795B	1.20 B	12.9	4.32	2.82	1.28	1.15	1.79	2.86	1.80B	0.790B	22
23	6.00 B	0.745B	1.03 B	19.8	3.50	2.56	1.47	1.03	2.25	2.81	1.70B	0.755B	23
24	3.60 B	0.697B	0.920B	25.6	3.37	2.44	1.75	0.899	3.42	3.05	1.63B	0.720B	24
25	2.65 B	0.650B	0.830B	25.1	3.39	2.45	1.64	0.901	3.55	2.77	2.30B	0.700B	25
26	2.12 B	0.620B	0.765B	23.2	2.88	2.32	2.09	0.714	3.01	2.45	4.00B	0.850B	26
27	6.60 B	0.760B	0.710B	19.9	2.49	2.23	2.69	0.779	2.79	2.04	4.01B	1.00 B	27
28	20.2 B	0.990B	0.670B	13.1	2.50	2.15	2.80	0.825	2.69	1.74	3.70B	0.950B	28
29	16.0 B		0.650B	17.4	2.41	2.07	2.43	0.811	2.38	1.69	3.30B	0.890B	29
30	12.3 B		1.20 B	13.4	2.49	1.90	2.07	0.734	2.01	2.67	3.02B	0.829B	30
31	10.0 B		1.50 B		2.37		1.74	0.988		7.06		0.780B	31
TOTAL	121.730	61.457	21.884	343.23	157.46	166.07	53.21	67.151	59.054	132.92	116.37	43.924	TOTAL
MEAN	3.93	2.19	0.706	11.4	5.08	5.54	1.72	2.17	1.97	4.29	3.88	1.42	MEAN
MAX	20.2	7.80	1.50	25.6	12.3	16.2	2.80	6.43	3.55	8.77	8.87	2.75	MAX
MIN	0.730	0.620	0.279	1.85	2.37	1.90	1.21	0.714	0.954	1.69	1.63	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.68
MAXIMUM DAILY, 25.6 ON APR 24
MINIMUM DAILY, 0.279B ON MAR 19
MAXIMUM INSTANTANEOUS,
29.9 AT 23:01 NST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 37 N
LONG 57 34 45 W
DRAINAGE AREA, 95.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 500	JUL	4 600
FEB	5 310	AUG	5 800
MAR	1 890	SEP	5 100
APR	29 700	OCT	11 500
MAY	13 600	NOV	10 100
JUN	14 300	DEC	3 800

TOTAL DISCHARGE, 116 000 dam³

GREY RIVER NEAR GREY RIVER - STATION NO. 02ZD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.0B	166	26.0 B	22.0B	52.9	7.75	13.0 E	16.9 E	32.0 E	30.5E	16.0E	56.0E	1
2	52.0B	91.5	21.7 B	35.0B	44.7	24.6	12.3 E	14.0 E	24.5 E	26.0E	23.0E	43.0E	2
3	46.0B	48.0 B	19.0 B	70.0B	40.6	49.1	11.8 E	11.6 E	18.0 E	22.2E	32.0E	35.5E	3
4	41.0B	26.0 B	17.0 B	70.0B	35.7	38.8	11.5 E	9.30E	13.8 E	20.0E	60.0E	110 E	4
5	38.0B	22.5 B	15.1 B	43.0B	30.2	28.9	15.5 E	8.00E	10.0 E	150 E	44.0E	80.0E	5
6	34.5B	19.5 B	13.5 B	33.5B	25.7	23.8	19.8 E	7.00E	7.40E	115 E	33.0E	66.0E	6
7	31.9B	17.5 B	12.5 B	27.5B	21.6	18.8	15.9 E	6.35E	6.20E	90.0E	25.0E	55.0E	7
8	29.5B	16.0 B	11.5 B	23.0B	19.3	39.4	14.0 A	7.90E	8.00E	88.0E	19.8E	46.0E	8
9	27.2B	14.7 B	10.5 B	20.0B	17.1	41.5	11.9	12.2 E	6.70E	51.0E	60.0E	42.0E	9
10	25.5B	13.6 B	9.70B	70.0B	14.9	27.5	11.1	16.5 E	7.82A	41.0E	150 E	37.0B	10
11	24.0B	12.6 B	9.00B	575 E	13.4	22.4	10.1	24.8 E	19.0 E	31.0E	85.0E	33.0B	11
12	23.5B	11.8 B	8.40B	425	12.0	18.5	10.0	20.0 E	60.0 E	24.0E	52.0E	30.0B	12
13	80.0B	11.0 B	7.99B	350	10.3	14.0	9.60	16.5 E	200 E	18.5E	30.0E	27.0B	13
14	350 E	10.3 B	7.50B	276	9.17	12.0	9.03	13.5 E	120 E	15.0E	18.2E	24.0B	14
15	217 A	9.60B	7.05B	272	8.08	10.2	9.38	11.2 E	70.0 E	230 E	23.0E	22.5B	15
16	129	9.30B	6.80B	362	7.11	9.28	13.0	9.20E	42.0 E	170 E	25.0E	21.0B	16
17	91.1	8.90B	6.40B	508	6.36	72.8	15.0	8.10E	22.0 E	120 E	19.5E	19.2B	17
18	67.6	8.50B	6.10B	284	6.03	56.1	14.9	7.20E	17.0 E	80.0E	15.8E	18.0B	18
19	48.3	8.10B	5.80B	150	5.83	36.9	13.0	6.50E	45.5 E	58.0E	20.0E	17.0B	19
20	156	7.80B	36.0 B	100	6.40	26.8	12.0	6.03E	30.0 E	42.0E	16.4A	15.8B	20
21	567 E	7.50B	39.5 B	79.0	7.60	20.7	13.3 A	5.75E	25.0 E	30.0E	25.0E	14.8B	21
22	269	7.20B	30.0 B	83.0	9.83	16.6	12.0 E	5.45E	22.0 E	48.0E	35.0E	14.0B	22
23	135	7.00B	25.0 B	91.6	14.9	14.4	10.5 E	5.15E	18.8 E	70.0E	52.0E	13.2B	23
24	74.9	6.79B	21.8 B	106	14.6	16.0	9.00E	9.00E	17.0 E	104 E	80.0E	12.7B	24
25	44.7	7.40B	19.5 B	103	12.8	19.1	8.00E	16.0 E	15.2 E	93.0E	123 E	12.0B	25
26	30.7	11.5 B	17.4 B	105	10.7	15.7	7.00E	28.0 E	14.0 E	63.0E	190 E	20.0B	26
27	76.2	18.0 B	15.6 B	94.4	9.30	13.8	6.10E	45.0 E	34.0 E	50.0E	150 E	70.0B	27
28	643	30.0 B	33.6 B	91.2	7.95	13.8	5.40E	90.0 E	24.0 E	40.0E	120 E	63.0B	28
29	651		31.0 B	79.5	7.87	13.6	6.20E	75.0 E	20.0 E	31.5E	90.0E	57.0B	29
30	237		28.0 B	65.2	7.64	13.6 A	9.60E	55.0 E	15.4 E	25.0E	82.0E	51.0B	30
31	306		25.2 B		6.96		11.9 E	42.0 E		19.5E		46.0B	31
TOTAL	4 605.6	628.79	543.34	4 594.1	497.73	737.23	352.01	611.13	965.32	1 976.2	1 704.7	1 173.7	TOTAL
MEAN	149	22.5	17.5	153	16.1	24.6	11.4	19.7	32.2	63.7	56.8	37.9	MEAN
MAX	651	166	39.5	575	52.9	72.8	19.8	90.0	200	230	190	110	MAX
MIN	23.5	6.79	5.80	20.0	5.83	7.75	5.40	5.15	6.20	15.0	15.8	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.4
MAXIMUM DAILY, 651 ON JAN 29
MINIMUM DAILY, 5.15E ON AUG 23
MAXIMUM INSTANTANEOUS,
1 100E AT 00:24 NST ON JAN 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 35 N
LONG 56 56 05 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	398 000	JUL	30 400
FEB	54 300	AUG	52 800
MAR	46 900	SEP	83 400
APR	397 000	OCT	171 000
MAY	43 000	NOV	147 000
JUN	63 700	DEC	101 000

TOTAL DISCHARGE, 1 590 000 dam³

NEWFOUNDLAND AND LABRADOR

HARRYS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02YJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0 B	27.0 B	6.60B	32.0B	54.9	9.46	9.19	5.61	9.13	10.0	11.5	19.1	1
2	18.6 B	23.0 B	6.40B	28.5B	50.3	30.3	9.04	5.45	8.37	11.8	15.0	17.6	2
3	16.5 B	20.5 B	6.15B	25.0B	56.6	55.2	8.60	5.22	7.69	10.0	22.1	16.9	3
4	15.0 B	18.0 B	5.90B	21.5B	42.4	41.5	8.46	5.01	6.86	8.87	14.7	20.5	4
5	13.8 B	16.4 B	5.70B	19.5B	33.8	28.6	11.9	5.30	6.78	21.0	14.7	24.6	5
6	12.5 B	15.0 B	5.55B	17.5B	28.3	24.1	14.4	5.05	6.56	21.2	13.5	20.6	6
7	11.3 B	13.8 B	5.35B	15.0B	25.9	21.5	10.6	5.33	6.31	14.8	12.5	18.7	7
8	10.5 B	12.8 B	5.19B	13.4B	24.1	21.3	9.62	6.54	5.99	12.7	11.9	17.5 B	8
9	9.80B	11.9 B	5.00B	12.8B	20.7	46.4	9.31	8.93	5.93	11.8	15.6	16.5 B	9
10	8.90B	11.0 B	4.90B	16.0	19.7	51.0	9.01	12.2	5.67	12.9	60.1	15.5 B	10
11	8.00B	10.3 B	4.75B	50.8	19.3	46.6	8.58	12.7	5.49	11.6	27.2	14.8 B	11
12	9.80B	9.80B	4.60B	59.4	17.9	34.8	8.30	10.4	5.88	10.6	20.2	14.0 B	12
13	13.0 B	9.10B	4.45B	84.4	17.3	27.1	8.06	11.4	11.4	10.2	16.8 B	13.3 B	13
14	22.0 B	8.60B	4.35B	86.3	16.2	23.7	7.70	9.18	11.8	9.74	15.5 B	12.6 B	14
15	35.0 B	8.20B	4.21B	110	15.4	21.4	7.54	8.10	8.86	34.6	14.5 B	12.1 B	15
16	33.6 B	7.80B	4.10B	127	15.0	19.2	10.6	7.60	9.44	23.2	13.4 B	11.5 B	16
17	31.0 B	7.50B	4.00B	142	14.0	17.8	10.4	7.28	10.0	16.8	12.8 B	11.0 B	17
18	28.5 B	7.10B	3.95B	113	13.1	18.8	8.58	6.65	9.06	14.3	11.8 B	10.4 B	18
19	25.0 B	6.80B	4.60B	80.0	12.5	16.4	7.61	6.52	7.97	12.6	11.2 B	9.60B	19
20	35.0 B	6.60B	7.00B	79.0	14.2	15.3	7.49	6.80	7.22	11.6	10.5 B	9.45B	20
21	60.0 B	6.40B	9.40B	77.2	14.3	14.1	7.50	7.23	6.93	10.9	10.3 B	9.00B	21
22	48.0 B	6.10B	9.00B	96.6	14.0	13.0	7.23	6.42	6.50	10.4	9.70B	8.80B	22
23	32.0 B	5.90B	8.60B	124	17.9	12.1	7.02	6.39	6.40	11.2	9.30B	8.30B	23
24	28.0 B	5.70B	8.30B	108	14.3	11.5	6.80	6.39	6.23	17.9	9.10B	8.00B	24
25	24.2 B	5.82B	7.95B	112	12.4	11.2	6.53	6.24	6.14	16.2	28.3	7.50B	25
26	21.8 B	6.20B	7.65B	117	11.6	10.9	6.37	7.55	6.24	14.0	22.7	13.0 B	26
27	19.5 B	6.60B	7.80B	101	10.6	10.3	6.36	10.3	18.0	12.4	24.4	18.5 B	27
28	40.0 B	7.00B	8.40B	84.5	10.0	9.81	5.93	19.6	13.2	11.5	34.4	17.8 B	28
29	124		9.20B	80.2	9.82	9.03	5.63	15.8	10.1	11.6	23.6	16.8 B	29
30	53.5		11.0 B	83.7	9.44	9.18	6.06	11.4	9.24	11.6	20.8	16.0 B	30
31	32.0 B		15.5 B		9.27		5.82	10.3		14.0		15.1 B	31
TOTAL	871.80	300.72	205.55	2 107.3	645.33	681.58	256.24	258.89	245.67	432.11	539.10	444.15	TOTAL
MEAN	28.1	10.7	6.63	70.2	20.8	22.7	8.27	8.35	8.19	13.9	18.0	14.3	MEAN
MAX	124	27.0	15.5	142	56.6	55.2	14.4	19.6	18.0	34.6	60.1	24.6	MAX
MIN	8.00	5.70	3.95	12.8	9.27	9.03	5.63	5.01	5.49	8.87	9.10	7.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.1
MAXIMUM DAILY, 142 ON APR 17
MINIMUM DAILY, 3.95B ON MAR 18
MAXIMUM INSTANTANEOUS,
145 AT 20:00 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 31 N
LONG 58 21 48 W
DRAINAGE AREA, 640 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75 300	JUL	22 100
FEB	26 000	AUG	22 400
MAR	17 800	SEP	21 200
APR	182 000	OCT	37 300
MAY	55 800	NOV	46 600
JUN	58 900	DEC	38 400

TOTAL DISCHARGE, 604 000 dam³

HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY - STATION NO. 02ZA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.79	1.89 B	0.630B	2.91	1.87	0.497	0.526	0.411	0.459	0.740	0.753	1.28	1
2	2.36B	1.75 B	0.600B	3.26	1.83	1.76	0.512	0.400	0.428	0.672	0.846	1.07	2
3	2.10B	1.60 B	0.570B	4.47	1.89	6.91	0.491	0.368	0.414	0.600	1.22	0.944	3
4	2.63B	1.46 B	0.540B	2.78	1.60	5.16	0.529	0.350	0.400	0.538	1.06	1.78	4
5	2.25B	1.36 B	0.520B	1.78	1.26	2.65	0.878	0.346	0.361	1.33	1.15	2.00	5
6	2.00B	1.28 B	0.495B	0.940B	1.01	1.61	0.925	0.327	0.347	2.02	0.993	1.52	6
7	1.80B	1.19 B	0.475B	0.800B	0.911	1.11	0.749	0.313	0.348	1.64	0.875	1.24	7
8	1.65B	1.11 B	0.460B	0.720B	0.887	0.928	0.650	0.315	0.338	1.75	0.799	1.05 B	8
9	1.50B	1.05 B	0.440B	0.690B	0.812	2.14	0.564	0.312	0.324	1.49	1.13	0.920B	9
10	1.38B	0.990B	0.425B	7.39	0.770	2.56	0.510	0.352	0.301	1.82	4.91	0.840B	10
11	1.27B	0.930B	0.410B	12.8	0.777	2.16	0.501	0.436	0.289	1.24	2.33	0.755B	11
12	1.18B	0.880B	0.395B	10.3	0.788	1.65	0.529	0.418	0.329	0.943	1.51	0.690B	12
13	1.10B	0.840B	0.385B	11.0	0.757	1.12	0.521	0.382	0.475	0.785	1.17	0.640B	13
14	6.00B	0.790B	0.375B	8.52	0.764	0.889	0.470	0.337	0.499	0.749	1.15	0.595B	14
15	11.0	0.760B	0.360B	9.72	0.733	0.726	0.586	0.319	0.463	2.44	1.19	0.560B	15
16	6.19	0.715B	0.350B	14.6	0.720	0.647	3.04	0.310	0.481	2.10	0.924	0.525B	16
17	4.59	0.680B	0.340B	18.6	0.679	0.604	1.89	0.292	1.26	1.40	0.837	0.500B	17
18	3.38	0.650B	0.330B	5.94	0.656	1.03	1.13	0.267	1.43	1.09	0.836	0.475B	18
19	2.52	0.620B	0.325B	2.98	0.660	0.820	0.796	0.275	0.930	0.919	0.885	0.455B	19
20	6.17	0.590B	0.800B	2.64	0.666	0.702	0.664	0.300	0.703	0.784	0.754A	0.440B	20
21	23.6	0.560B	2.00 B	4.44	0.640	0.637	0.595	0.287	0.592	0.676	0.700E	0.420B	21
22	10.7	0.535B	2.50 B	8.53	0.773	0.593	0.563	0.263	0.541	0.640	0.630E	0.400B	22
23	4.93	0.515B	0.900B	10.7	1.21	0.553	0.495	0.424	0.528	0.708	0.610E	0.389B	23
24	3.20	0.495B	0.690B	9.73	0.935	0.541	0.449	0.512	0.508	1.55	5.00 E	0.375B	24
25	2.84	0.479B	0.800B	8.84	0.746	0.551	0.407	0.427	0.480	1.48	3.60 E	0.370B	25
26	3.59	0.580B	0.880B	9.57	0.662	0.509	0.394	0.443	0.505	1.22	2.37 A	0.600B	26
27	8.20	0.740B	0.780B	5.99	0.590	0.471	0.389	0.498	1.61	0.949	3.56	0.800B	27
28	73.6	0.860B	0.800B	3.86	0.530	0.456	0.345	0.607	1.49	0.894	3.42	0.730B	28
29	19.3		1.05 B	2.82	0.504	0.469	0.369	0.884	1.07	0.837	1.98	0.680B	29
30	4.61		0.932	2.34	0.506	0.508	0.384	0.688	0.831	0.799	1.52	0.640B	30
31	2.62		1.82		0.504		0.382	0.522		0.844		0.600B	31
TOTAL	220.85	25.699	22.577	190.580	27.630	41.141	21.205	12.086	18.742	35.447	48.614	24.283	TOTAL
MEAN	7.12	0.918	0.728	6.35	0.891	1.37	0.684	0.390	0.625	1.14	1.62	0.783	MEAN
MAX	73.6	1.89	2.50	18.6	1.89	6.91	3.04	0.884	1.61	2.44	5.00	2.00	MAX
MIN	1.10	0.479	0.325	0.690	0.504	0.456	0.345	0.263	0.289	0.538	0.610	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.89
MAXIMUM DAILY, 73.6 ON JAN 28
MINIMUM DAILY, 0.263 ON AUG 22
MAXIMUM INSTANTANEOUS,
122E AT 16:10 NST ON JAN 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 06 33 N
LONG 58 47 04 W
DRAINAGE AREA, 72.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 100	JUL	1 830
FEB	2 220	AUG	1 040
MAR	1 950	SEP	1 620
APR	16 500	OCT	3 060
MAY	2 390	NOV	4 200
JUN	3 550	DEC	2 100

TOTAL DISCHARGE, 59 800 dam³

HINDS BROOK AT HINDS BROOK POWER HOUSE - STATION NO. 02YK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.9	3.24	22.3	5.90	19.3	10.5	18.7	24.5	7.17	16.1	0	14.6	1
2	36.3	4.40	23.8	1.27	15.3	14.5	23.0	21.2	7.06	0.694	0	3.24	2
3	36.3	7.75	24.1	0.810	18.3	17.7	14.3	20.8	16.0	13.1	0	4.40	3
4	35.9	23.8	24.3	0	21.5	26.1	22.4	21.1	21.2	20.6	2.08	15.4	4
5	35.1	10.5	20.2	0	12.1	22.4	20.0	23.1	20.7	12.1	0	0	5
6	35.1	0.694	24.6	0	12.7	28.1	22.2	20.2	18.2	16.8	12.6	3.36	6
7	27.3	13.1	18.6	17.5	12.4	33.4	23.6	24.6	13.0	15.4	16.2	0	7
8	35.1	34.6	13.5	11.1	19.3	35.8	21.5	22.2	17.0	18.7	5.67	25.3	8
9	35.3	35.8	21.2	11.0	20.1	35.9	18.9	22.9	14.8	12.4	4.40	20.7	9
10	29.4	35.9	28.7	15.4	10.6	35.8	17.4	12.5	14.9	15.9	0.579	21.8	10
11	24.9	35.6	23.7	13.0	11.2	35.5	20.2	21.6	19.6	16.7	2.08	24.2	11
12	35.9	35.6	12.3	13.1	16.7	26.7	20.7	24.9	14.1	11.7	10.3	23.9	12
13	35.9	6.83	12.6	11.8	23.9	20.6	21.1	21.8	12.7	7.06	10.5	3.59	13
14	26.7	7.40	6.32	13.3	19.7	20.1	23.1	17.9	14.1	11.0	22.9	6.13	14
15	27.0	36.7	12.3	24.5	17.1	21.9	24.4	22.2	15.4	7.52	22.4	10.8	15
16	36.2	36.8	12.7	12.7	21.4	22.0	23.0	17.5	15.5	11.1	2.31	16.0	16
17	36.3	35.3	8.45	11.1	18.2	22.2	22.3	14.6	13.1	7.64	9.72	23.3	17
18	21.8	35.3	9.72	9.72	0	20.8	22.9	20.5	12.3	7.17	3.82	23.3	18
19	6.83	35.4	12.1	0	23.0	26.0	19.3	25.2	17.8	0.694	0	18.5	19
20	11.7	36.8	12.3	0	24.3	22.9	21.6	13.4	18.4	0.694	3.93	17.5	20
21	1.27	35.8	19.9	0	25.8	19.1	23.3	8.79	12.5	7.64	5.44	13.8	21
22	0.694	35.6	10.4	0.926	22.1	19.7	24.1	12.7	18.3	3.12	0	18.3	22
23	0.694	35.5	12.1	1.50	24.8	23.0	26.0	12.7	15.7	0.694	0	17.9	23
24	14.0	35.6	12.1	1.50	21.1	21.4	20.1	14.2	21.2	6.36	16.2	0	24
25	0.694	36.0	18.6	1.04	23.3	19.3	20.7	22.2	19.1	0.694	0	0	25
26	0.694	36.6	0.694	0	24.2	22.2	22.3	13.6	10.2	0.694	11.8	0	26
27	0.694	33.2	0.694	0	10.6	20.8	19.7	8.10	21.3	0.694	12.3	0	27
28	5.44	20.9	0.694	11.3	15.4	23.7	23.1	9.26	17.4	0.694	10.9	0	28
29	3.12		7.40	25.3	14.5	23.1	17.4	10.5	12.7	9.60	11.9	15.3	29
30	0.694		0.694	20.1	17.2	19.9	21.6	10.6	13.4	3.01	14.5	13.5	30
31	0.694		1.39		12.8		24.5	11.6		0.694		17.7	31
TOTAL	633.618	740.714	427.456	233.866	548.9	711.1	664.4	546.95	464.83	256.966	212.529	372.52	TOTAL
MEAN	20.4	26.5	13.8	7.80	17.7	23.7	21.4	17.6	15.5	8.29	7.08	12.0	MEAN
MAX	36.3	36.8	28.7	25.3	25.8	35.9	26.0	25.2	21.3	20.6	22.9	25.3	MAX
MIN	0.694	0.694	0.694	0	0	10.5	14.3	8.10	7.06	0.694	0	0	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.9
MAXIMUM DAILY, 36.8 ON FEB 16
MINIMUM DAILY, 0 ON APR 4

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 05 00 N
LONG 57 12 13 W
DRAINAGE AREA, 651 km^2

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	54 700	JUL	57 400
FEB	64 000	AUG	47 300
MAR	36 900	SEP	40 200
APR	20 200	OCT	22 200
MAY	47 400	NOV	18 400
JUN	61 400	DEC	32 200

TOTAL DISCHARGE, 502 000 dam^3

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

REGULATED SINCE 1981

HUMBER RIVER AT GRAND LAKE OUTLET - STATION NO. 02YK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.6	94.2	112	122	95.9	140	43.1	134	123	119	125	152	1
2	54.8	98.4	111	130	80.5	135	80.1	128	39.0	148	128	125	2
3	87.2	92.5	109	138	125	134	106	123	95.4	150	117	129	3
4	103	101	112	132	125	132	129	127	135	155	121	148	4
5	106	94.3	96.6	141	103	122	141	132	127	122	115	128	5
6	110	76.3	96.5	139	84.7	136	145	134	124	152	126	143	6
7	109	101	107	114	122	127	142	130	90.8	119	123	133	7
8	115	104	112	140	129	141	143	133	121	132	121	132	8
9	106	92.8	106	137	134	128	132	132	129	134	127	114	9
10	98.4	92.6	111	135	137	127	139	131	109	136	127	116	10
11	107	109	96.5	137	134	131	140	132	135	137	127	127	11
12	76.5	96.9	105	139	136	127	141	134	124	135	128	133	12
13	98.9	110	107	142	139	136	144	132	121	139	131	132	13
14	81.6	105	109	151	145	140	139	134	126	122	134	129	14
15	99.2	109	109	134	138	131	139	134	119	108	111	133	15
16	97.1	111	108	136	135	140	131	135	152	109	164	126	16
17	89.5	78.4	137	139	138	141	134	132	133	157	116	134	17
18	98.8	98.0	134	140	134	136	134	133	107	144	111	142	18
19	105	102	119	146	128	138	139	133	106	121	77.3	125	19
20	83.7	105	120	145	131	133	139	133	129	127	89.9	139	20
21	86.2	111	111	141	145	148	132	132	127	128	88.2	134	21
22	84.4	110	149	102	146	144	131	137	116	116	128	134	22
23	85.3	110	146	100	128	128	127	135	150	128	130	127	23
24	86.6	103	131	84.0	119	149	129	132	149	124	123	84.1	24
25	99.1	106	123	80.2	131	145	130	134	138	134	133	46.9	25
26	107	92.8	130	78.5	128	140	131	130	132	122	137	86.2	26
27	95.5	92.3	122	86.6	134	118	135	132	139	133	146	133	27
28	88.4	102	127	71.9	135	143	126	134	129	134	153	138	28
29	84.4		127	85.4	140	133	124	127	116	126	139	131	29
30	94.8		132	90.0	121	15.5	130	126	104	113	138	134	30
31	99.1		107		141		129	124		128		76.6	31
TOTAL	2 870.1	2 798.5	3 622.6	3 656.6	3 960.1	3 949.5	4 004.2	4 079	3 644.2	4 052	3 736.4	3 854.8	TOTAL
MEAN	92.6	99.9	117	122	128	132	129	132	121	131	125	124	MEAN
MAX	115	111	149	151	146	149	145	137	152	157	164	152	MAX
MIN	32.6	76.3	96.5	71.9	80.5	15.5	43.1	123	39.0	108	77.3	46.9	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 121
MAXIMUM DAILY, 164 ON NOV 16
MINIMUM DAILY, 15.5 ON JUN 30

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 09 43 N
LONG 57 25 28 W
DRAINAGE AREA, 5 020 km^2

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	248 000	JUL	346 000
FEB	242 000	AUG	352 000
MAR	313 000	SEP	315 000
APR	316 000	OCT	350 000
MAY	342 000	NOV	323 000
JUN	341 000	DEC	333 000

TOTAL DISCHARGE, 3 820 000 dam^3

DATA CONTRIBUTED BY -
DEER LAKE POWER COMPANY LIMITED

REGULATED

NEWFOUNDLAND AND LABRADOR

HUMBER RIVER AT HUMBER VILLAGE BRIDGE - STATION NO. 02YL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	137	362	168	171	536	224	142	147	157	174	187	194	1
2	128	399	165	178	501	225	126	148	135	176	187	198	2
3	120	383	165	189	457	248	118	148	120	183	190	189	3
4	122	380	163	203	450	280	120	144	118	190	191	195	4
5	125	377	161	211	441	305	131	147	125	203	198	203	5
6	135	337	158	217	425	317	143	146	129	215	192	183	6
7	145	355	198	217	396	318	151	145	134	224	194	183	7
8	146	340	210	210	368	308	157	146	132	225	193	184	8
9	141	335	199	206	343	308	165	148	135	227	192	186	9
10	138	325	194	204	319	304	164	162	137	224	216	174	10
11	136	294	203	227	300	300	165	187	137	224	222	175	11
12	134	259	201	256	283	293	165	210	142	224	228	171	12
13	131	241	198	311	273	284	165	226	147	224	233	171	13
14	146	235	193	373	267	277	165	231	151	221	244	173	14
15	160	234	183	441	264	270	163	230	152	220	229	170	15
16	201	216	173	513	266	257	165	224	154	214	217	168	16
17	223	211	166	608	273	250	[illegible]	217	165	210	216	167	17
18	192	216	165	657	285	243	[illegible]	210	170	215	211	169	18
19	173	215	170	682	296	230	[illegible]	204	167	217	201	167	19
20	173	203	183	680	302	220	[illegible]	200	166	211	181	165	20
21	193	194	197	649	307	212	163	195	170	205	168	165	21
22	196	186	201	616	312	206	163	190	168	202	161	166	22
23	196	179	195	602	308	203	160	187	166	195	161	162	23
24	227	177	195	595	295	198	155	181	171	194	164	162	24
25	347	178	204	600	278	196	158	176	172	197	173	145	25
26	360	177	208	610	266	193	154	173	173	200	171	129	26
27	301	174	190	607	257	186	152	172	180	195	179	127	27
28	257	169	181	604	248	177	151	173	182	191	189	133	28
29	275		186	591	241	176	149	171	179	190	192	141	29
30	267		174	562	235	169	148	168	176	188	195	146	30
31	303		170		229		146	165		185		147	31
TOTAL	5 942	7 351	5 718	12 790	10 031	7 377	4 749	5 571	4 610	6 363	5 873	5 236	TOTAL
MEAN	192	263	184	426	324	246	153	180	154	205	196	169	MEAN
MAX	360	399	210	682	536	318	165	231	182	227	244	203	MAX
MIN	120	169	158	171	229	169	118	144	118	174	161	127	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 224
MAXIMUM DAILY, 682 ON APR 19
MINIMUM DAILY, 118 ON JUL 3
MAXIMUM INSTANTANEOUS,
688 AT 20:30 NST ON APR 19

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 02 N
LONG 57 45 41 W
DRAINAGE AREA, 7 860 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	513 000	JUL	410 000
FEB	635 000	AUG	461 000
MAR	494 000	SEP	398 000
APR	1 110 000	OCT	550 000
MAY	867 000	NOV	507 000
JUN	637 000	DEC	452 000

TOTAL DISCHARGE, 7 050 000 dam³

INDIAN BAY BROOK NEAR NORTHWEST ARM - STATION NO. 02YR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.90B	12.2B	7.20B	12.0	31.4	6.95	5.13	4.55	3.59	14.9	12.7	11.5B	1
2	7.30B	15.0B	8.00B	13.0	29.4	6.98	5.27	5.12	3.48	16.3	12.5	10.8B	2
3	9.60B	19.4	9.79	15.5	27.4	9.47	4.83	4.93	3.58	15.5	12.5	10.4B	3
4	12.0B	19.7	9.30B	16.6	25.4	10.1	4.49	4.84	4.44	15.2	11.7	10.9B	4
5	11.0B	17.4B	8.60B	17.1	23.0	8.60	4.74	4.69	4.04	17.3	12.4	11.4B	5
6	10.1B	14.3B	7.90B	18.5	24.2	8.29	4.80	4.50	3.81	24.4	11.1	10.7B	6
7	9.40B	12.7B	7.30B	19.5	21.9	8.17	4.48	4.17	3.66	22.4	10.7	10.1B	7
8	8.70B	11.1B	6.80B	20.1	21.1	7.87	4.23	4.05	3.93	21.2	10.4	9.70B	8
9	8.10B	10.0B	6.35B	20.1	20.6	8.91	4.97	4.10	4.24	21.3	10.1	9.30B	9
10	7.70B	9.10B	5.90B	20.4	19.5	8.81	5.83	4.10	4.11	21.5	13.9	8.90B	10
11	7.25B	8.30B	5.60B	24.7	18.6	8.92	5.68	5.53	4.05	21.3	12.8	8.50B	11
12	6.90B	7.70B	5.35B	34.2	17.7	8.72	5.72	5.45	3.82	20.9	11.2	8.10B	12
13	6.60B	7.10B	5.10B	34.5	16.8	8.67	5.46	5.28	3.70	19.9	10.9	7.80B	13
14	6.30B	6.70B	4.85B	37.4	16.5	8.37	5.20	4.97	3.80	19.2	12.7	7.50B	14
15	6.10B	6.30B	4.65B	42.4	15.9	8.15	5.02	4.76	3.74	19.3	7.80	7.20B	15
16	5.80B	5.90B	4.45B	48.6	15.2	8.11	4.87	4.75	3.69	18.6	10.5	6.95B	16
17	5.60B	5.65B	4.30B	57.5	14.4	7.62	4.99	4.63	5.44	17.4	11.2	6.70B	17
18	5.40B	5.40B	4.15B	70.5	13.8	7.62	4.79	4.48	9.54	17.1	12.1	6.45B	18
19	5.20B	5.20B	4.00B	70.4	13.1	7.14	4.79	4.40	8.96	17.0	11.5B	6.20B	19
20	5.00B	4.90B	4.90B	70.6	12.7	6.86	5.12	4.40	8.44	16.3	10.8B	5.95B	20
21	7.50B	4.75B	6.00B	67.4	12.0	6.50	5.37	4.41	8.33	15.8	10.1B	6.40B	21
22	9.00B	4.60B	7.40B	63.5	11.5	6.25	5.21	4.19	8.45	15.1	9.70B	7.10B	22
23	8.30B	4.50B	6.20B	59.0	11.1	6.16	4.86	3.91	9.12	14.7	9.30B	8.30B	23
24	7.40B	4.30B	5.70B	55.0	10.3	5.93	4.78	3.85	9.80	15.3	8.80B	7.80B	24
25	6.60B	4.20B	5.00B	50.9	9.70	5.86	4.51	3.83	10.1	15.4	10.8B	7.50B	25
26	6.00B	4.90B	5.40B	47.2	9.11	5.62	4.48	3.96	10.5	15.3	12.2B	7.20B	26
27	5.60B	5.50B	5.90B	43.9	8.61	5.35	4.71	4.06	14.5	13.6	12.1B	6.80B	27
28	6.30B	6.10B	6.60B	40.2	[illegible]	5.05	4.59	3.85	15.2	13.6	12.0	6.50B	28
29	7.22B		7.40B	36.7	7.93	4.84	4.34	4.06	14.7	13.7	11.6	6.20B	29
30	8.30B		8.01	33.6	7.50	4.84	4.71	3.95	14.2	13.5	11.6	5.90B	30
31	10.4B		9.16		7.21		4.53	3.68		13.3		5.75B	31
TOTAL	232.57	242.90	197.26	1 170.9	501.72	220.73	152.50	137.45	208.96	536.3	337.80	250.50	TOTAL
MEAN	7.50	8.68	6.36	39.0	16.2	7.36	4.92	4.43	6.97	17.3	11.3	8.08	MEAN
MAX	12.0	19.7	9.79	70.6	31.4	10.1	5.83	5.53	15.2	24.4	13.9	11.5	MAX
MIN	5.00	4.20	4.00	12.0	7.21	4.84	4.23	3.68	3.48	13.3	7.80	5.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 70.6 ON APR 20
MINIMUM DAILY, 3.48 ON SEP 2
MAXIMUM INSTANTANEOUS,
71.7 AT 21:11 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 24 N
LONG 53 53 00 W
DRAINAGE AREA, 554 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 100	JUL	13 200
FEB	21 000	AUG	11 900
MAR	17 000	SEP	18 100
APR	101 000	OCT	46 300
MAY	43 300	NOV	28 200
JUN	19 100	DEC	21 600

TOTAL DISCHARGE, 382 000 dam³

INDIAN BROOK AT INDIAN FALLS - STATION NO. 02YM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.00B	37.4 B	9.60B	9.70B	48.9	7.61	6.07	3.86	6.91	5.61	7.12	8.30B	1
2	5.80B	33.2 B	9.25B	14.5 B	42.6	8.14	5.91	4.18	6.39	7.20	7.19	8.00B	2
3	5.52B	30.1 B	8.80B	22.1 B	38.0	20.7	5.33	4.25	6.16	7.29	7.29	7.70B	3
4	5.30B	27.5 B	8.50B	27.9 B	34.5	51.0	5.16	4.14	6.02	6.92	7.24	8.00B	4
5	5.02B	25.0 B	8.20B	28.1 B	31.4	49.4	6.27	3.91	5.94	8.22	6.90B	8.40B	5
6	4.83B	22.5 B	7.91B	24.7 B	28.9	37.1	7.36	3.73	5.78	14.3	6.60B	8.00B	6
7	4.62B	21.3 B	7.61B	22.5 B	25.7	28.2	7.74	3.36	5.51	16.4	6.57	7.70B	7
8	4.45B	19.5 B	7.38B	20.5 B	23.8	23.0	7.27	3.37	5.44	14.3	6.46	7.40B	8
9	4.30B	18.5 B	7.10B	18.8 B	22.6	23.8	7.03	4.72	5.18	11.9	6.47	7.10B	9
10	4.10B	17.3 B	6.90B	18.0 B	20.9	23.1	7.26	36.8	4.85	10.5	8.64	6.83B	10
11	3.95B	16.4 B	6.60B	26.8 B	19.4	21.5	7.76	93.1	4.58	9.49	12.8	6.60B	11
12	3.85B	15.2 B	6.40B	55.0 B	17.7	19.5	9.36	62.6	4.32	8.55	12.9	6.40B	12
13	4.95B	14.4 B	6.18B	94.0 B	16.3	18.0	9.26	38.8	4.49	7.77	11.2	6.15B	13
14	6.60B	13.5 B	5.90B	91.0 B	15.4	16.3	8.42	27.1	4.54	7.26	9.46	5.90B	14
15	7.20B	12.8 B	5.70B	99.5 B	14.3	14.9	7.35	20.7	4.45	8.72	7.59	5.80B	15
16	6.81B	12.0 B	5.53B	120 B	13.0	13.9	8.85	16.9	4.35	11.3	7.00B	5.60B	16
17	6.52B	11.5 B	5.38B	179	12.1	12.9	10.5	14.6	4.86	11.2	6.50B	5.40B	17
18	6.20B	10.8 B	5.20B	183	11.3	13.0	9.95	13.0	6.53	10.3	6.10B	5.30B	18
19	5.83B	9.81B	5.00B	118	10.8	12.0	8.64	11.7	7.13	9.37	5.80B	5.10B	19
20	5.60B	9.80B	5.30B	92.1	10.8	11.2	7.74	11.1	6.67	8.54	5.50B	5.00B	20
21	7.44B	9.25B	6.18B	85.2	11.1	10.6	7.23	10.8	6.22	8.01	5.30B	4.90B	21
22	9.42B	8.80B	6.59B	91.7	11.4	9.86	6.75	10.1	5.57	7.53	5.05B	4.75B	22
23	11.7 B	8.43B	6.37B	96.5	11.2	9.09	6.02	9.26	5.18	7.56	4.90B	4.65B	23
24	12.5 B	8.10B	6.20B	97.8	10.7	8.54	5.50	8.80	4.96	8.32	4.80B	4.50B	24
25	12.0 B	7.80B	6.00B	91.7	10.0	8.08	5.10	8.51	4.69	8.94	5.25B	4.40B	25
26	11.4 B	7.40B	5.80B	82.1	9.41	7.66	4.88	8.97	4.57	8.87	6.00B	5.00B	26
27	10.8 B	8.60B	5.63B	77.3	8.83	7.02	4.60	9.00	5.16	7.90B	7.00B	5.50B	27
28	10.0 B	10.0 B	5.50B	69.6	8.31	6.41	4.28	8.86	5.48	7.19	8.20B	5.30B	28
29	13.4 B		5.40B	61.9	7.99	6.49	3.93	8.47	5.49	7.11	9.00B	5.20B	29
30	21.5 B		5.60B	55.8	7.85	6.23	3.76	8.03	5.22	7.07	8.70B	5.10B	30
31	40.0 B		7.50B		7.78		3.53	7.35		7.26		5.00B	31
TOTAL	267.81	446.89	205.21	2 074.80	562.97	505.23	208.81	480.07	162.64	280.90	219.53	188.98	TOTAL
MEAN	8.63	16.0	6.62	69.2	18.2	16.8	6.74	15.5	5.42	9.06	7.32	6.10	MEAN
MAX	40.0	37.4	9.60	183	48.9	51.0	10.5	93.1	7.13	16.4	12.9	8.40	MAX
MIN	3.85	7.40	5.00	9.70	7.78	6.23	3.53	3.36	4.32	5.61	4.80	4.40	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.4
MAXIMUM DAILY, 183 ON APR 18
MINIMUM DAILY, 3.36 ON AUG 7
MAXIMUM INSTANTANEOUS,
212 AT 02:00 NST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 43 N
LONG 56 06 45 W
DRAINAGE AREA, 974 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 100	JUL	18 000
FEB	38 600	AUG	41 500
MAR	17 700	SEP	14 100
APR	179 000	OCT	24 300
MAY	48 600	NOV	19 000
JUN	43 700	DEC	16 300

TOTAL DISCHARGE, 484 000 dam^3

REMARKS - FLOW FROM 238 km^2 DIVERTED INTO BIRCHY LAKE IN 1963. A CONDUIT PERMITS FLOW TO BYPASS AS A DFO REQUIREMENT

ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02ZB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.5	6.29	2.99 B	22.0 B	11.5	2.12	2.72	0.986	3.76	7.72	2.82	9.06	1
2	12.3	4.60 B	2.69 B	24.6 B	10.8	23.5	2.50	0.997	2.76	6.80	2.77	6.26	2
3	7.32	3.80 B	2.40 B	26.9	23.1	35.8	2.08	0.987	2.41	5.08	4.73	6.08	3
4	6.50B	3.35 B	2.20 B	15.5	16.4	21.9	3.89	0.966	1.97	3.95	3.77	46.1	4
5	7.40B	3.00 B	2.00 B	9.73	9.92	12.0	13.8	0.970	1.73	29.1	7.70	25.9	5
6	6.60B	2.60 B	1.80 B	6.03	7.06	7.26	9.93	0.973	1.51	14.1	5.50	13.2	6
7	5.70B	2.35 B	1.60 B	4.59	5.84	4.95	6.03	0.939	1.39	8.10	5.38	7.30	7
8	5.20B	2.15 B	1.56 B	3.36	5.11	12.4	3.85	0.824	1.69	5.59	4.90	5.06	8
9	4.60B	1.95 B	1.45 B	2.71	4.56	43.0	3.00	0.800	1.63	4.55	37.0	3.65	9
10	4.20B	1.80 B	1.35 B	47.3	4.63	20.2	2.19	4.89	1.44	4.20	53.0	3.00B	10
11	3.85B	1.63 B	1.27 B	59.3	4.66	13.2	1.83	3.58	1.51	3.88	21.7	2.60B	11
12	3.50B	1.50 B	1.19 B	55.3	4.94	9.52	1.63	3.81	11.7	3.41	10.8	2.40B	12
13	3.20B	1.45 B	1.10 B	53.8	5.12	6.51	1.56	3.38	15.6	3.04	8.05	2.15B	13
14	30.0 B	1.35 B	1.05 B	45.0	5.10	4.68	1.47	2.25	11.1	2.86	8.45	2.00B	14
15	26.9	1.27 B	1.00 B	48.6	4.95	3.64	1.33	1.85	6.67	67.5	4.57	1.80B	15
16	16.6	1.20 B	0.940B	95.3	4.75	2.87	6.06	1.48	5.29	26.6	4.89	1.65B	16
17	11.0 B	1.12 B	0.900B	102	4.61	2.84	4.77	1.36	9.42	12.8	5.61	1.50B	17
18	8.00B	1.07 B	0.860B	42.2	4.38	5.20	3.63	1.31	7.69	8.97	8.39	1.40B	18
19	6.70B	1.00 B	0.820B	20.8	4.16	4.01	2.77	1.27	4.99	6.80	9.74	1.33B	19
20	20.0 B	0.970B	1.27 B	16.2	3.92	3.28	2.16	1.24	3.78	5.05	4.90	1.27B	20
21	67.6	0.920B	12.0 B	21.8	3.55	2.73	1.95	1.19	3.02	3.86	4.60	1.20B	21
22	46.5	0.960B	8.00 B	26.7	3.67	2.23	1.95	1.13	2.52	3.91	5.70	1.17B	22
23	22.0	1.00 B	6.40 B	40.1	6.81	1.81	1.63	1.10	2.22	7.71	5.86	1.10B	23
24	6.80B	1.05 B	5.00 B	49.4	6.64	1.88	1.42	1.05	2.01	21.1	21.0	1.07B	24
25	4.25B	1.10 B	4.20 B	50.6	5.75	2.97	1.29	4.13	1.92	10.8	56.2	1.12B	25
26	5.00B	4.25 B	3.60 B	52.9	4.68	3.49	1.19	5.25	1.83	6.99	24.5	20.0 B	26
27	43.4	3.80 B	4.00 B	44.0	3.77	2.73	1.08	3.94	6.35	4.48	48.9	26.2	27
28	219	3.40 B	7.00 B	29.1	3.20	2.34	0.990	26.3	6.14	4.22	38.4	15.7	28
29	90.8		12.0 B	22.0	2.75	2.43	0.904	17.5	5.02	3.69	18.1	12.0	29
30	25.8		15.0 B	16.0	2.42	[illegible].60	0.923	8.88	4.00	3.15	16.0	9.02	30
31	10.0		20.0 B		2.25		1.01	5.57		3.08		7.48	31
TOTAL	744.22	60.930	127.640	1 053.82	191.00	264.09	91.537	110.942	133.07	303.09	453.93	239.77	TOTAL
MEAN	24.0	2.18	4.12	35.1	6.16	8.80	2.95	3.58	4.44	9.78	15.1	7.73	MEAN
MAX	219	6.29	20.0	102	23.1	43.0	13.8	26.3	15.6	67.5	56.2	46.1	MAX
MIN	3.20	0.920	0.820	2.71	2.25	1.81	0.904	0.800	1.39	2.86	2.77	1.07	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 219 ON JAN 28
MINIMUM DAILY, 0.800 ON AUG 9
MAXIMUM INSTANTANEOUS,
321 AT 18:26 NST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 50 N
LONG 59 00 33 W
DRAINAGE AREA, 205 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 300	JUL	7 910
FEB	5 260	AUG	9 580
MAR	11 000	SEP	11 500
APR	91 100	OCT	26 200
MAY	16 500	NOV	39 200
JUN	22 800	DEC	20 700

TOTAL DISCHARGE, 328 000 dam^3

NEWFOUNDLAND AND LABRADOR

JUNCTION BROOK NEAR BADGER - STATION NO. 02YD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70 B	2.75 B	1.68 B	1.00B	2.24	0.547	0.351	0.200	0.130	0.860	0.873	1.13 B	1
2	1.45 B	2.10 B	1.30 B	2.00B	2.04	0.583	0.355	0.233	0.117	0.938	0.832	1.00 B	2
3	1.23 B	1.65 B	1.00 B	4.60B	1.93	1.12	0.279	0.299	0.129	0.872	0.754	0.890B	3
4	1.10 B	1.25 B	0.830B	4.20B	1.72	2.19	0.273	0.249	0.132	0.822	0.700B	1.23 B	4
5	0.950B	1.08 B	0.700B	3.65B	1.67	2.23	0.333	0.292	0.127	1.02	0.670B	1.42 B	5
6	0.790B	0.880B	0.600B	3.00B	1.38	2.10	0.502	0.249	0.127	2.18	0.645B	1.15 B	6
7	0.670B	0.740B	0.520B	2.35B	1.23	1.89	0.565	0.205	0.125	2.44	0.610B	1.02 B	7
8	0.625B	0.620B	0.470B	1.90B	1.31	1.60	0.520	0.287	0.133	2.31	0.580B	0.890B	8
9	0.500B	0.550B	0.420B	1.73B	1.35	1.56	0.439	0.230	0.138	2.09	0.720B	0.800B	9
10	0.400B	0.470B	0.385B	5.00B	1.25	1.48	0.397	0.241	0.141	1.89	0.820B	0.730B	10
11	0.340B	0.420B	0.350B	19.0 B	1.15	1.24	0.427	0.258	0.119	1.64	1.08 B	0.670B	11
12	0.290B	0.390B	0.325B	13.0 B	1.03	1.04	0.447	0.302	0.130	1.29	0.970B	0.630B	12
13	0.270B	0.360B	0.298B	10.6	0.937	1.11	0.418	0.303	0.177	1.10	0.900B	0.590B	13
14	0.700B	0.330B	0.277B	13.0	0.895	1.25	0.417	0.226	0.272	0.995	0.830B	0.550B	14
15	1.60 B	0.305B	0.258B	13.4	0.821	1.13	0.499	0.236	0.259	1.02	0.760B	0.520B	15
16	1.23 B	0.290B	0.242B	13.2	0.688	0.909	0.501	0.229	0.289	1.20	0.720B	0.490B	16
17	0.860B	0.280B	0.221B	13.6	0.776	0.809	0.600	0.206	0.874	1.15	0.660B	0.470B	17
18	0.650B	0.265B	0.217B	13.3	0.702	0.695	0.593	0.208	1.71	1.10	0.620B	0.450B	18
19	0.600B	0.250B	0.205B	12.0	0.602	0.593	0.523	0.253	1.72	1.11	0.580B	0.430B	19
20	0.400B	0.241B	0.270B	9.77	0.812	0.643	0.485	0.177	1.75	1.04	0.540B	0.410B	20
21	0.740B	0.233B	0.390B	7.63	0.920	0.529	0.442	0.182	1.64	0.977	0.510B	0.500B	21
22	0.550B	0.228B	0.355B	6.57	0.816	0.428	0.404	0.142	1.27	0.848	0.485B	0.630B	22
23	0.430B	0.211B	0.325B	5.36	0.949	0.455	0.338	0.174	1.20	0.854	0.470B	0.570B	23
24	0.370B	0.216B	0.295B	4.72	1.01	0.392	0.290	0.146	0.985	1.10	0.450B	0.520B	24
25	0.330B	0.350B	0.270B	3.68	0.859	0.370	0.311	0.120	0.765	1.27	0.550B	0.490B	25
26	0.308B	0.520B	0.250B	3.55	0.811	0.348	0.287	0.134	0.733	1.24	0.700B	0.460B	26
27	0.290B	0.740B	0.325B	3.19	0.873	0.382	0.300	0.149	0.945	1.40	1.10 B	0.440B	27
28	0.800B	1.05 B	0.380B	2.94	0.729	0.344	0.327	0.131	0.906	1.15	1.88 B	0.600B	28
29	5.30 B		0.450B	2.68	0.685	0.390	0.318	0.131	0.946	0.988	1.50 B	0.550B	29
30	4.40 B		0.550B	2.45	0.678	0.375	0.381	0.143	0.887	0.938	1.30 B	0.510B	30
31	3.55 B		0.700B		0.528		0.262	0.137		0.873		0.480B	31
TOTAL	33.323	18.769	14.858	203.07	33.391	28.532	12.584	6.472	18.865	38.705	23.609	21.220	TOTAL
MEAN	1.07	0.670	0.479	6.77	1.08	0.951	0.406	0.209	0.629	1.25	0.787	0.685	MEAN
MAX	5.30	2.75	1.68	19.0	2.24	2.23	0.600	0.303	1.75	2.44	1.88	1.42	MAX
MIN	0.270	0.211	0.205	1.00	0.528	0.344	0.262	0.120	0.117	0.822	0.450	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 19.0B ON APR 11
MINIMUM DAILY, 0.117 ON SEP 2

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 27 N
LONG 56 00 22 W
DRAINAGE AREA, 61.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 880	JUL	1 090
FEB	1 620	AUG	559
MAR	1 280	SEP	1 630
APR	17 500	OCT	3 340
MAY	2 880	NOV	2 040
JUN	2 470	DEC	1 830

TOTAL DISCHARGE, 39 100 dam³

KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE - STATION NO. 03NG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.9B	29.0B	24.6B	21.8B	22.8B	475E	389	275	137	153	86.0B	44.6B	1
2	39.3B	28.9B	24.5B	21.7B	24.8B	450E	383	301	135	153	83.0B	44.0B	2
3	38.8B	28.7B	24.4B	21.6B	28.0B	433E	376	297	136	151	80.0B	43.5B	3
4	38.3B	28.5B	24.3B	21.5B	33.0B	413E	370	291	138	151	78.0B	42.8B	4
5	37.8B	28.2B	24.2B	21.4B	39.0B	400E	365	286	139	157	76.0B	42.0B	5
6	37.3B	28.0B	24.1B	21.3B	46.0B	388E	353	278	139	165	74.0B	41.5B	6
7	36.9B	27.8B	24.0B	21.2B	55.0B	378E	340	274	139	174	72.0B	40.5B	7
8	36.6B	27.6B	23.9B	21.1B	65.0B	370E	326	268	140	183	70.5B	40.0B	8
9	36.0B	27.5B	23.8B	21.0B	80.0B	360E	307	263	137	190	69.0B	39.5B	9
10	35.8B	27.3B	23.7B	21.0B	100 B	350E	296	254	134	195	67.0B	39.0B	10
11	35.3B	27.1B	23.6B	21.3B	130 B	342E	288	247	132	196	65.5B	38.0B	11
12	35.0B	27.0B	23.5B	21.8B	175 B	335E	283	242	128	201	64.0B	37.8B	12
13	34.7B	26.9B	23.4B	22.3B	225 B	327A	280	233	127	193	62.0B	37.0B	13
14	34.3B	26.8B	23.3B	22.8B	320 B	324	278	225	131	181	61.0B	36.5B	14
15	34.0B	26.5B	23.3B	23.5B	409	319	274	214	131	174	59.9B	36.0B	15
16	33.7B	26.3B	23.2B	24.2B	539	315	285	205	133	174	58.5B	35.3B	16
17	33.3B	26.2B	23.1B	25.0B	753	306	259	200	140	167	57.0B	35.0B	17
18	33.0B	26.0B	23.1B	25.8B	969	312	248	196	146	157	56.0B	34.5B	18
19	32.8B	25.9B	23.0B	25.9B	1 140	321	240	192	155	150	55.0B	34.0B	19
20	32.5B	25.8B	23.1B	25.5B	1 280	336	231	187	165	150	54.0B	33.6B	20
21	32.1B	25.7B	23.0B	25.2B	1 380	356	215	184	166	143	53.5B	33.1B	21
22	31.3B	25.5B	22.9B	25.0B	1 320	370	211	178	167	141	52.0B	32.6B	22
23	31.2B	25.3B	22.7B	24.8B	1 240	378	209	170	170	138	51.5B	32.2B	23
24	31.0B	25.2B	22.5B	24.6B	1 150	380	208	163	170	136	50.3B	31.7B	24
25	30.8B	25.1B	22.4B	24.2B	893 A	382	207	159	169	137	48.8B	31.3B	25
26	30.5B	25.0B	22.2B	23.8B	810 E	387	215	154	166	131	49.0B	30.9B	26
27	30.2B	24.9B	22.1B	23.6B	725 E	398	222	151	165	105	48.0B	30.3B	27
28	29.9B	24.8B	22.0B	23.4B	660 E	396	228	148	163	99.5	47.0B	30.0B	28
29	29.8B		21.9B	23.2B	600 E	397	239	144	160	97.6	46.3B	29.9B	29
30	29.7B		21.9B	22.8B	558 E	394	250	140	155	92.0B	45.5B	29.4B	30
31	29.3B		21.8B		510 E		260	137		89.0B		29.0B	31
TOTAL	1 051.2	747.6	718.5	692.2	16 269.6	11 094	8 615	6 656	4 413	4 724.1	1 841.4	1 115.4	TOTAL
MEAN	33.9	26.7	23.2	23.1	525	370	278	215	147	152	61.4	36.0	MEAN
MAX	39.9	29.0	24.6	25.9	1 380	475	389	301	170	201	86.0	44.6	MAX
MIN	29.3	24.8	21.8	21.0	22.8	306	207	137	127	89.0	45.5	29.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 159
MAXIMUM DAILY, 1 380 ON MAY 21
MINIMUM DAILY, 21.0B ON APR 9
MAXIMUM INSTANTANEOUS,
1 400 AT 08:58 AST ON MAY 21

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 25 N
LONG 60 53 38 W
DRAINAGE AREA, 8 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	90 800	JUL	744 000
FEB	64 800	AUG	575 000
MAR	62 200	SEP	381 000
APR	59 800	OCT	406 000
MAY	1 410 000	NOV	159 000
JUN	959 000	DEC	96 400

TOTAL DISCHARGE, 5 010 000 dam³

LEARY BROOK AT PRINCE PHILIP DRIVE - STATION NO. 02ZM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.961	0.941	3.07	3.59	0.338	0.326	0.284	0.379	0.170	0.386	0.535	0.846	1
2	1.80	0.641	2.56	3.37	0.306	0.338	0.217	0.919	0.177	0.497	0.459	0.578	2
3	0.768	0.577	3.54	7.08	0.277	0.471	0.365	0.601	0.211	0.636	0.423	0.469	3
4	0.615	0.515	1.63	2.85	0.257	0.419	0.299	0.403	0.392	0.371	0.362	1.12	4
5	0.612	0.436	1.05	1.51	0.274	0.355	0.211	0.611	0.282	2.80	0.954	1.24	5
6	0.589	0.478	1.73	1.13	0.447	0.388	0.190	0.410	0.272	2.00	0.462	0.662	6
7	0.494	0.406	1.03	0.839	0.566	0.352	0.214	0.347	0.248	0.892	0.536	0.510E	7
8	0.412	0.375	0.781	0.783	1.32	0.602	0.654	0.324	0.222	0.653	0.511	0.455E	8
9	0.361	0.344	0.655	0.717	0.899	3.18	0.555	0.314	0.360	0.527	0.462	0.400E	9
10	0.323	0.300B	0.493	0.676	0.819	1.08	0.365	1.08	0.216	0.701	2.56	0.370E	10
11	0.289B	0.279B	0.506	13.1 E	0.761	0.517	0.290	0.503	0.183	0.583	0.806	0.340E	11
12	0.260B	0.258B	1.17	5.72	0.619	0.404	0.259	0.421	0.189	0.417	0.496	0.318E	12
13	0.238B	0.240B	0.708	2.72	0.502	0.357	0.244	0.314	0.188	0.382	0.546	0.295E	13
14	0.751	0.230B	0.549	2.25	0.561	0.311	0.208	0.273	0.181	0.305	0.611	0.272E	14
15	0.812	0.220B	0.486	1.86	0.680	0.345	0.258	0.236	0.152	0.348	0.408	0.255E	15
16	0.439	1.32	0.438	2.09	0.587	0.277	0.324	0.229	0.144	0.292	0.662	0.235E	16
17	0.391	1.22	0.396	4.47	0.550	0.382	0.249	0.219	0.616	0.289	0.693	0.220E	17
18	0.518	1.04	0.384	1.92	0.536	0.510	0.212	0.196	0.478	2.67	0.603	0.205E	18
19	0.632	0.722	0.417	1.29	0.532	0.336	0.199	0.180	0.307	1.45	0.457	0.192E	19
20	0.953	0.543	1.50	1.01	0.571	0.249	0.675	0.186	0.280	0.660	0.390	0.350E	20
21	9.82	0.442B	1.33	0.927	0.735	0.220	0.662	0.198	0.276	0.516	0.408	0.940	21
22	2.77	0.391B	0.652	0.888	0.648	0.215	0.353	0.201	0.401	0.456	3.51	0.405	22
23	1.29	0.335B	0.513	0.874	0.659	0.250	0.294	0.205	0.351	0.433	2.24	0.305E	23
24	0.895	0.280B	0.695	0.839	0.537	0.217	0.287	0.202	0.276	0.758	1.14	0.272E	24
25	0.570	0.270B	0.577	0.705	0.487	0.212	0.246	0.181	0.266	0.684	3.88	0.280E	25
26	0.515	0.800B	0.501	0.613	0.454	0.211	0.250	0.204	0.211	0.431	1.87	0.320E	26
27	0.748	1.97	1.84	0.552	0.411	0.187	0.208	0.167	1.99	0.339	1.48	0.390E	27
28	2.91	4.43	4.42	0.488	0.422	0.161	0.201	0.170	1.79	2.06	1.78	0.345E	28
29	6.60		2.62	0.479	0.431	1.00	0.761	0.240	0.534	1.36	1.02	0.313E	29
30	1.59		2.57	0.405	0.401	0.413	0.675	0.190	0.403	0.777	1.00	0.280E	30
31	1.42		3.52		0.410		0.286	0.164		0.713		0.258E	31
TOTAL	41.146	20.013	42.311	65.744	17.007	14.285	10.485	10.287	11.704	25.086	31.164	13.427	TOTAL
MEAN	1.33	0.715	1.36	2.19	0.549	0.476	0.338	0.331	0.390	0.810	1.04	0.433	MEAN
MAX	9.82	4.43	4.42	13.1	1.32	3.18	0.761	1.08	1.99	2.80	3.88	1.24	MAX
MIN	0.238	0.220	0.384	0.405	0.257	0.161	0.190	0.164	0.144	0.289	0.362	0.192	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.829
MAXIMUM DAILY, 13.1E ON APR 11
MINIMUM DAILY, 0.144 ON SEP 16
MAXIMUM INSTANTANEOUS,
35.8E AT 17:57 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 48 N
LONG 52 45 00 W
DRAINAGE AREA, 17.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 560	JUL	906
FEB	1 730	AUG	887
MAR	3 660	SEP	1 010
APR	5 680	OCT	2 170
MAY	1 470	NOV	2 690
JUN	1 230	DEC	1 160

TOTAL DISCHARGE, 26 200 dam³

LEARY BROOK AT ST. JOHN'S - STATION NO. 02ZM017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.716	0.961	2.60	2.82	0.198E	0.172	0.216	0.281	0.145E	0.438	0.510	0.709	1
2	1.28	0.708	1.95	2.56	0.173E	0.168	0.173	0.442	0.160E	0.507	0.453	0.613	2
3	0.623	0.630	3.01	4.70	0.158E	0.215	0.236	0.304	0.195E	0.396	0.493	0.541	3
4	0.512	0.562	1.45	2.29	0.149E	0.208	0.231	0.228	0.326E	0.350	0.447	0.850	4
5	0.539	0.497	0.983	1.30	0.157E	0.173	0.186	0.318	0.238E	2.04	0.760	0.889	5
6	0.515	0.513	1.30	0.944	0.206E	0.180	0.176	0.223	0.219E	1.33	0.481	0.598	6
7	0.453	0.622	0.974	0.749	0.350E	0.155	0.170	0.198	0.206E	0.689	0.517	0.488	7
8	0.407	0.413	0.682	0.685	0.750E	0.192	0.326	0.186	0.195E	0.543	0.522	0.430B	8
9	0.372	0.338B	0.570B	0.640	0.530E	1.56	0.274	0.194	0.270E	0.489	0.460	0.390B	9
10	0.338	0.300B	0.540B	0.589	0.475E	0.476	0.210	0.487	0.175E	0.574	1.71	0.360B	10
11	0.320	0.272B	0.517	13.4 E	0.430E	0.298	0.183	0.284	0.154E	0.517	0.653	0.330B	11
12	0.302	0.245B	1.09	4.60 E	0.360E	0.284	0.172	0.237	0.145E	0.431	0.524	0.305B	12
13	0.277	0.230B	0.661	1.60 E	0.298E	0.238	0.167	0.203	0.168E	0.385	0.525	0.287B	13
14	0.543	0.218B	0.485	1.30 E	0.335E	0.217	0.168	0.184	0.140E	0.367	0.583	0.269B	14
15	0.691	0.204B	0.410B	1.10 E	0.366E	0.230	0.167	0.175	0.132A	0.366	0.460	0.251B	15
16	0.530B	2.14	0.350B	1.20 E	0.300E	0.204	0.196	0.168A	0.139	0.344	0.574	0.239B	16
17	0.431	2.62	0.311B	2.50 E	0.266	0.206	0.177	0.161E	0.295	0.332	0.621	0.228B	17
18	0.412	1.39	0.288B	1.10 E	0.258	0.284	0.159	0.154E	0.283	1.76	0.482	0.213B	18
19	0.503	0.667	0.365	0.870E	0.257	0.209	0.141	0.151E	0.209	1.03	0.508	0.207B	19
20	0.785	0.447	1.08	0.660E	0.259	0.176	0.344	0.158E	0.185	0.611	0.430	0.310	20
21	6.97	0.376B	0.840B	0.540E	0.326	0.171	0.393	0.168E	0.185	0.507	0.464	0.613	21
22	2.60	0.337B	0.555	0.510E	0.292	0.162	0.223	0.172E	0.266	0.467	2.40	0.483	22
23	1.26	0.305B	0.465	0.480E	0.301	0.173	0.194	0.174E	0.237	0.441	1.46	0.346	23
24	0.902	0.275B	0.538	0.465E	0.256	0.167	0.161	0.165E	0.206	0.662	0.847	0.313	24
25	0.686	0.260B	0.490B	0.400E	0.232	0.171	0.153	0.152E	0.192	0.578	2.71	0.296	25
26	0.557	1.26	0.450B	0.360E	0.213	0.156	0.143	0.171E	0.175	0.485	1.21	0.291	26
27	0.771	1.70	1.36	0.310E	0.198	0.146	0.134	0.141E	1.43	0.388	1.03	0.347	27
28	2.62	3.03	3.13	0.280E	0.195	0.141	0.130	0.160E	1.14	1.41	1.21	0.285	28
29	5.25		2.14	0.275E	0.205	0.431	0.275	0.199E	0.530	0.912	0.799	0.268B	29
30	1.56		2.06	0.245E	0.185	0.251	0.353	0.152E	0.443	0.854	0.768	0.252B	30
31	1.37		2.86		0.175		0.232	0.138E		0.628		0.240B	31
TOTAL	34.977	21.517	34.504	49.382	8.873	7.794	6.452	6.528	8.782	20.581	24.621	12.444	TOTAL
MEAN	1.13	0.768	1.11	1.65	0.286	0.260	0.208	0.211	0.293	0.664	0.821	0.401	MEAN
MAX	6.97	3.03	3.13	13.4	0.750	1.56	0.39[illegible]	0.487	1.43	2.04	2.71	0.889	MAX
MIN	0.277	0.204	0.288	0.245	0.149	0.141	0.1[illegible]	0.138	0.132	0.332	0.430	0.207	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.648
MAXIMUM DAILY, 13.4E ON APR 11
MINIMUM DAILY, 0.130 ON JUL 28
MAXIMUM INSTANTANEOUS,
33.0E AT 17:35 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 43 N
LONG 52 45 47 W
DRAINAGE AREA, 15.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 020	JUL	557
FEB	1 860	AUG	564
MAR	2 980	SEP	759
APR	4 270	OCT	1 780
MAY	767	NOV	2 130
JUN	673	DEC	1 080

TOTAL DISCHARGE, 20 400 dam³

NEWFOUNDLAND AND LABRADOR

LEECH BROOK NEAR GRAND FALLS - STATION NO. 02YO007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00 B	3.30 B	2.40 B	4.60B	2.86	0.247	0.115	0.486	0.269	1.77	1.49	1.70 B	1
2	3.10 B	2.50 B	1.90 B	6.20B	2.35	0.330	0.109	0.631	0.184	2.07	1.49	1.40 B	2
3	2.30 B	1.80 B	1.55 B	7.10B	2.17	3.38	0.114	0.679	0.262	1.89	1.50	1.10 B	3
4	1.60 B	1.40 B	1.30 B	5.30B	1.89	6.24	0.151	0.670	0.396	1.44	1.50	1.35 B	4
5	1.20 B	1.08 B	1.00 B	4.00B	1.73	4.30	0.617	0.591	0.525	2.94	1.26	1.61 B	5
6	0.900B	0.800B	0.800B	3.00B	1.41	2.23	1.06	0.501	0.633	6.65	1.15 B	1.50 B	6
7	0.700B	0.640B	0.620B	2.25B	1.27	1.27	1.06	0.327	0.599	5.61	1.09 B	1.25 B	7
8	0.471B	0.540B	0.520B	1.80B	1.35	0.844	0.782	0.277	0.534	3.45	1.02	1.03 B	8
9	0.330B	0.460B	0.430B	1.50B	1.43	0.729	0.806	0.310	0.498	2.34	1.59	0.900B	9
10	0.270B	0.403B	0.385B	5.00B	1.33	0.679	0.500	0.881	0.466	1.81	3.14	0.830B	10
11	0.238B	0.370B	0.350B	34.0 B	1.19	0.611	0.498	2.26	0.390	1.46	3.74	0.750B	11
12	0.225B	0.330B	0.320B	25.0 B	1.12	0.587	1.41	2.32	0.338	1.19	2.38	0.690B	12
13	0.212B	0.300B	0.290B	18.4	0.960	0.553	1.63	1.77	0.539	1.01	1.79	0.640B	13
14	0.400B	0.272B	0.270B	17.5	0.826	0.449	1.26	1.29	1.79	0.958	1.45 B	0.598B	14
15	0.600B	0.264B	0.250B	23.6	0.677	0.348	0.934	0.869	1.83	1.75	1.27 B	0.560B	15
16	1.30 B	0.235B	0.230B	25.7	0.557	0.279	1.27	0.610	1.26	3.01	1.12 B	0.530B	16
17	2.30 B	0.222B	0.214B	28.5	0.500	0.251	1.68	0.436	3.56	2.34	1.00 B	0.500B	17
18	1.80 B	0.208B	0.200B	15.4	0.423	0.246	1.34	0.337	11.9	1.64	0.900B	0.470B	18
19	1.40 B	0.195B	0.190B	8.15	0.382	0.221	0.929	0.229	6.17	1.58	0.830B	0.450B	19
20	1.00 B	0.184B	0.180B	6.29	0.578	0.228	0.728	0.164	3.45	1.78	0.780B	0.440B	20
21	1.30 B	0.171B	0.170B	7.15	0.911	0.207	0.728	0.147	2.35	1.82	0.730B	0.700B	21
22	1.58 B	0.161B	0.161B	9.73	1.00	0.171	0.695	0.111	1.67	1.60	0.880B	1.05 B	22
23	0.700B	0.154B	0.154B	10.7	0.723	0.155	0.529	0.088	1.50	1.48	0.650B	0.940B	23
24	0.450B	0.146B	0.149B	9.80	0.620	0.129	0.416	0.073	1.41	2.97	0.630B	0.840B	24
25	0.380B	0.250B	0.143B	8.47	0.418	0.149	0.320	0.104	1.25	3.63	1.00 B	0.760B	25
26	0.340B	0.480B	0.138B	6.58	0.344	0.147	0.294	0.225	1.08	2.62	1.45 B	0.700B	26
27	0.310B	0.640B	0.130B	7.16	0.285	0.118	0.355	0.206	2.60	2.08	2.00 B	0.650B	27
28	2.00 B	1.10 B	0.250B	5.84	0.224	0.103	0.318	0.184	4.35	1.82	3.20 B	1.00 B	28
29	8.00 B		0.500B	4.77	0.208	0.106	0.288	0.359	3.10	1.66	2.80 B	0.860B	29
30	5.40 B		0.900B	3.85	0.217	0.110	0.364	0.347	2.12	1.56	2.25 B	0.770B	30
31	4.40 B		1.80 B		0.228		0.399	0.305		1.76		0.700B	31
TOTAL	49.406	18.575	17.902	317.44	30.279	27.317	21.409	17.787	57.023	72.388	45.880	27.468	TOTAL
MEAN	1.59	0.663	0.577	10.6	0.977	0.911	0.691	0.574	1.90	2.34	1.53	0.886	MEAN
MAX	8.00	3.30	2.40	34.0	2.86	6.24	1.68	2.32	11.9	6.65	3.74	1.61	MAX
MIN	0.212	0.146	0.[illegible]	1.50	0.208	0.103	0.109	0.073	0.184	0.958	0.630	0.440	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.93
MAXIMUM DAILY, 34.0B ON APR 11
MINIMUM DAILY, 0.073 ON AUG 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 42 N
LONG 55 49 42 W
DRAINAGE AREA, 88.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 270	JUL	1 850
FEB	1 600	AUG	1 540
MAR	1 550	SEP	4 930
APR	27 400	OCT	6 250
MAY	2 620	NOV	3 960
JUN	2 360	DEC	2 370

TOTAL DISCHARGE, 60 700 dam³

LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE - STATION NO 02YK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.5	75.0 E	6.41E	6.70E	38.6	6.67	5.08	3.28	4.17	11.6	10.5	15.4	1
2	11.9	55.0 E	6.10E	6.30E	32.9	8.64	4.83	3.12	4.08	12.1	10.6	14.0	2
3	11.4	44.0 E	5.90E	7.30E	39.2	24.9	4.55	3.06	3.88	12.0	11.6	13.0	3
4	11.2	36.0 E	5.54E	8.60E	26.4	43.6	4.56	3.02	3.80	11.2	11.9	12.4	4
5	10.4	28.0 E	5.26E	10.8 E	23.8	48.0	4.64	2.88	3.82	15.3	11.6	11.6	5
6	9.95	23.0 E	5.00E	12.2 E	20.8	41.0	4.88	2.72	3.74	32.7	10.8	11.6	6
7	9.37	18.2 E	4.80E	11.6 E	14.5 E	32.4	5.08	2.76	3.59	34.7	10.2	11.1	7
8	8.88	15.8 E	4.60E	11.0 E	15.5 E	26.5	5.09	2.95	3.38	30.1	9.64	10.3	8
9	8.58	13.9 E	4.41E	10.0 E	13.6 E	27.5	5.04	3.11	3.22	25.3	10.1	9.78	9
10	8.23	12.4 E	4.21E	14.0 E	12.0 E	29.9	4.98	3.75	3.12	21.2	27.4	9.57	10
11	7.85	11.3 E	4.01E	14.6 E	11.0 E	29.8	4.86	7.17	3.01	18.2	39.3	8.82	11
12	7.47	10.3 E	3.82E	48.0 E	10.3 E	27.5	4.69	9.50	3.07	15.7	35.3	8.46	12
13	7.23	9.40E	3.60E	77.0 E	9.40E	23.9	4.62	9.81	3.16	13.6	29.7	8.10	13
14	9.96	8.60E	3.50A	110 E	8.64	20.5	4.41	8.54	3.42	12.3	23.6	7.65	14
15	19.0	7.90E	3.35	120 E	8.11	17.2	4.37	8.80	3.70	13.8	20.2	7.28	15
16	26.6	7.30E	3.25	128 E	7.67	14.9	4.93	8.04	4.06	18.7	17.6	6.94	16
17	31.2	6.80E	3.18	155 E	7.26	13.4	5.54	7.26	9.18	19.5	15.6	6.59	17
18	30.2	6.30E	3.12	128 E	6.72	11.9	6.03	6.75	21.0	17.6	14.3	6.30	18
19	26.1	5.94E	2.70A	105 A	6.43	10.9	5.95	6.19	22.0	15.7	12.6	6.03	19
20	23.6	5.49E	3.20E	77.8	6.44	9.94	5.63	5.88	19.3	14.1	11.3	5.76	20
21	32.8	5.10E	3.75E	83.3	6.59	9.08	5.35	5.24	16.2	12.8	10.4	5.44	21
22	41.2	4.92E	4.40E	66.4	7.18	8.36	4.95	5.00	13.8	11.6	10.0	5.18	22
23	37.8 A	4.70E	5.20E	73.5	8.89	7.83	4.68	4.79	11.9	10.7	8.94	5.01	23
24	32.0 E	5.10E	5.01E	75.3	10.2	7.25	4.32	4.45	10.6	12.3	8.56	4.94	24
25	28.3 E	5.42E	4.90E	78.6	10.2	6.79	4.19	4.25	9.53	14.1	9.30	4.87	25
26	25.0 E	5.90E	4.70E	77.8	9.52	6.30	3.93	4.01	8.55	13.9	10.6	4.79	26
27	22.5 E	6.50E	6.00E	71.2	8.94	6.05	3.77	4.02	10.2	13.2	12.0	4.68	27
28	74.0 E	6.80E	7.17E	61.1	8.25	5.83	3.62	4.12	12.6	12.6	14.4	4.78	28
29	160 E		8.00E	53.9	7.32	5.59	3.44	4.13	13.1	12.0	16.1	4.93	29
30	130 E		7.60E	46.5	7.14	5.31	3.32	4.25	12.3	11.6	16.6	4.89	30
31	98.0 E		7.10E		6.75		3.32	4.24		11.0		4.88	31
TOTAL	971.22	445.07	149.79	1 730.50	404.25	537.34	144.66	157.89	247.44	501.1	460.64	245.05	TOTAL
MEAN	31.3	15.9	4.83	57.7	13.0	17.9	4.67	5.09	8.25	16.2	15.4	7.90	MEAN
MAX	160	75.0	8.00	155	38.6	48.0	6.03	9.81	22.0	34.7	39.3	15.4	MAX
MIN	7.23	4.70	2.70	6.30	6.43	5.31	3.32	2.72	3.01	10.7	8.56	4.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.4
MAXIMUM DAILY, 160E ON JAN 29
MINIMUM DAILY, 2.70A ON MAR 19

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 37 20 N
LONG 57 56 00 W
DRAINAGE AREA, 470 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 900	JUL	12 500
FEB	38 500	AUG	13 600
MAR	12 900	SEP	21 400
APR	150 000	OCT	43 300
MAY	34 900	NOV	39 800
JUN	46 400	DEC	21 200

TOTAL DISCHARGE, 518 000 dam³

LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S - STATION NO. 02ZA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.5 B	24.2	2.70B	25.0 B	15.5	2.54	1.91	1.43	1.85	4.88	4.32	9.51	1
2	18.5 B	15.0 B	2.60B	21.0 B	12.8	5.41	1.92	1.41	1.78	4.55	4.69	7.81	2
3	16.5 B	12.5 B	2.50B	17.0 B	11.1	36.3	1.87	1.35	1.75	4.16	6.39	5.60B	3
4	15.0 B	10.5 B	2.40B	13.5 B	10.0	49.7	1.89	1.35	1.61	3.76	6.23	5.80B	4
5	13.5 B	9.20B	2.34B	11.5 B	8.66	34.8	3.38	1.35	1.52	14.3	6.16	5.99B	5
6	12.5 B	8.20B	2.26B	9.40B	7.10	22.3	4.59	1.30	1.49	33.4	5.91	5.40B	6
7	11.4 B	7.50B	2.18B	7.80B	6.10	15.0	4.35	1.30	1.54	24.9	5.42	5.80B	7
8	10.5 B	6.89B	2.11B	6.60B	5.33	11.2	3.93	1.68	1.43	16.3	5.05	5.30B	8
9	9.60B	6.20B	2.05B	5.90B	4.52	22.8	3.90	2.38	1.31	12.0	5.62	4.90B	9
10	9.00B	5.70B	2.00B	12.2	4.04	28.7	3.34	2.22	1.28	13.0	24.8	4.50B	10
11	8.40B	5.30B	1.95B	45.4	3.83	32.5	3.02	2.83	1.26	9.64	26.0	4.20B	11
12	7.85B	4.95B	1.89B	64.3 E	3.62	27.0	2.91	2.67	1.39	7.51	18.6	3.90B	12
13	7.40B	4.70B	1.83B	74.3 E	3.14	18.2	2.72	2.66	1.68	6.22	12.9	3.70B	13
14	15.0 B	4.40B	1.80B	76.9 E	2.89	12.3	2.44	2.55	1.62	5.57	8.40B	3.50B	14
15	26.9 B	4.20B	1.76B	77.1 E	2.78	8.84	2.31	2.36	1.83	6.41	7.20B	3.30B	15
16	28.5 B	3.99B	1.70B	87.1 E	2.68	6.77	5.39	2.10	2.71	7.68	6.35B	3.15B	16
17	25.0 B	3.80B	1.88B	110 E	2.51	5.78	5.76	1.89	6.57	7.35	5.70B	3.00B	17
18	21.5 B	3.60B	1.85B	82.8 E	2.44	4.83	5.14	1.77	15.8	6.49	5.20B	2.90B	18
19	19.0 B	3.40B	1.80B	46.8	2.35	4.42	4.26	1.63	14.1	5.35	4.85B	2.75B	19
20	20.0 B	3.29B	3.00B	32.9	2.52	3.84	3.53	1.56	9.55	4.71	4.50B	2.65B	20
21	42.0 B	3.11B	4.05B	27.9	2.41	3.36	3.01	1.47	6.72	4.23	4.20B	2.58B	21
22	35.0 B	2.98B	3.90B	35.5	2.93	3.09	2.64	1.33	5.18	3.60	4.00B	2.48B	22
23	29.0 B	2.85B	3.70B	46.7	5.80	2.88	2.42	1.30	4.22	3.66	3.80B	2.39B	23
24	24.5 B	2.70B	3.60B	46.5	6.15	2.66	2.09	1.28	3.65	8.77	3.60B	2.31B	24
25	20.5 B	2.63B	3.45B	48.1	5.61	2.55	1.97	1.27	3.20	6.34	3.45B	2.25B	25
26	19.6 B	2.83B	3.35B	42.9	4.41	2.26	1.87	1.42	2.90	7.55	3.30B	3.00B	26
27	24.0 B	2.90B	3.40B	38.7	3.68	2.11	1.79	1.77	5.87	6.43	9.00B	3.95B	27
28	80.0 B	2.80B	3.60B	29.7	3.20	1.88	1.64	1.92	7.10	6.48	16.0	3.70B	28
29	134		7.00B	24.5	2.88	1.96	1.55	2.08	6.27	4.70	13.2	3.49B	29
30	74.3		10.0 B	19.8	2.73	1.89	1.51	2.11	5.50	4.46	11.4	3.25B	30
31	38.9		15.0 B		2.55		1.45	2.04		4.81		3.00B	31
TOTAL	819.55	170.23	103.24	1 185.80	156.27	379.97	90.48	55.58	122.67	258.22	246.24	128.84	TOTAL
MEAN	26.4	6.08	3.33	39.5	5.04	12.7	2.92	1.79	4.09	8.33	8.21	4.16	MEAN
MAX	134	24.2	15.0	110	15.5	49.7	5.76	2.67	15.8	33.4	26.0	9.51	MAX
MIN	7.40	2.83	1.80	5.90	2.35	1.88	1.45	1.27	1.26	3.60	3.30	2.25	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 134 ON JAN 29
MINIMUM DAILY, 1.26 ON SEP 11
MAXIMUM INSTANTANEOUS,
150 AT 10:01 NST ON JAN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 44 N
LONG 58 23 55 W
DRAINAGE AREA, 343 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	70 800	JUL	7 820
FEB	14 700	AUG	4 800
MAR	8 920	SEP	10 600
APR	102 000	OCT	22 300
MAY	13 500	NOV	21 300
JUN	32 800	DEC	11 100

TOTAL DISCHARGE, 321 000 dam³

LITTLE BARACHOIS RIVER NEAR PLACENTIA - STATION NO 02ZK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.85	2.12	7.79	5.28	0.689	0.282	1.79	1.23	0.482	0.665	0.749	1.44 B	1
2	5.97	1.48 B	6.07	3.62	0.560	0.301	1.03	1.33	0.400	0.603	0.614	1.16 B	2
3	2.78	1.18 B	11.6	8.11	0.489	4.60	0.911	1.28	0.348	0.506	0.603	1.05 B	3
4	2.58	0.940B	3.90	4.83	0.451	4.28	0.974	0.877	0.346	0.425	0.566	1.42	4
5	3.49	0.858B	1.89	2.27	0.451	1.79	0.771	0.880	0.380	0.857	0.886	2.22	5
6	1.36 B	0.705B	1.77	1.50	0.520	1.03	0.684	0.717	0.365	2.14	0.838	1.62	6
7	1.13 B	0.635B	2.02	1.12	1.24	0.688	0.519	0.661	0.333	1.64	0.851	1.16	7
8	0.860B	0.575B	1.32	0.920	1.70	0.551	0.450	0.467	0.338	1.14	0.964	0.930B	8
9	0.676	0.520B	1.08 B	0.840	1.34	13.5	0.418	0.442	0.360	0.750	0.975	0.800B	9
10	0.589	0.480B	0.900B	2.22	0.800	6.50	0.381	0.583	0.322	0.642	18.1 E	0.690B	10
11	0.568	0.450B	0.800B	29.3 E	0.656	2.26	0.355	0.560	0.282	0.603	4.61	0.600B	11
12	0.525B	0.415B	6.35 B	6.43	0.532	1.39	0.334	0.531	0.306	0.524	2.16	0.530B	12
13	0.511	0.392B	2.30 B	3.81	0.449	0.895	0.329	0.479	0.327	0.459	1.42	0.480B	13
14	0.880	0.370B	1.35 B	2.63	0.423	0.650	0.327	0.413	0.446	0.413	1.13 B	0.435B	14
15	1.00 B	0.351B	1.19	1.96	0.375	0.555	0.307	0.373	0.389	0.488	0.960B	0.400B	15
16	0.780B	1.05 B	0.825	2.78	0.324	0.478	0.303	0.340	0.329	0.585	1.01	0.372B	16
17	0.830B	13.0 B	0.642	12.3	0.307	0.491	0.304	0.321	1.44	0.533	2.41	0.348B	17
18	0.680B	8.50 B	0.592	4.41	0.291	2.23	0.285	0.297	2.73	5.72	2.21	0.321B	18
19	0.720B	4.47	0.551	2.00	0.291	1.32	0.268	0.276	1.42	4.09	2.54	0.308B	19
20	1.10 B	0.678	5.14	1.19	0.289	0.796	3.23	0.288	0.872	2.01	2.04	0.385B	20
21	17.9 E	0.660	5.89	0.882	0.408	0.612	3.14	0.272	0.606	1.21	1.52	0.525B	21
22	5.92	0.505B	3.42	0.769	0.412	0.602	2.07	0.260	0.471	0.814	12.3	0.455B	22
23	2.26	0.485B	1.53	0.675	0.458	0.422	1.49	0.260	0.416	0.688	7.42	0.400B	23
24	1.36	0.453B	1.77	0.640	0.456	0.379	0.964	0.249	0.382	1.94	2.91	0.370B	24
25	1.08 B	0.435B	2.83	0.616	0.407	0.389	0.661	0.251	0.358	2.25	12.8	0.346B	25
26	0.930B	5.80 B	2.32	0.607	0.357	0.373	0.518	0.258	0.333	1.42	5.22	0.393B	26
27	0.810B	8.31	1.25	0.589	0.310	0.347	0.426	0.242	1.32	0.914	4.71	0.517B	27
28	2.19	11.6	23.0 E	0.832	0.293	0.316	0.386	0.252	2.98	2.93	7.38	0.445B	28
29	12.1		11.8	0.925	0.289	5.69	0.972	0.862	1.46	2.45	2.92	0.400B	29
30	3.61		3.70	0.814	0.289	3.34	2.54	0.923	0.869	1.49	2.18	0.355B	30
31	2.82		3.93		0.283		1.78	0.615		0.976		0.330B	31
TOTAL	85.389	67.317	119.320	106.839	16.259	56.937	28.885	16.709	21.412	41.885	104.986	21.224	TOTAL
MEAN	2.75	2.40	3.85	3.56	0.524	1.90	0.932	0.539	0.714	1.35	3.50	0.685	MEAN
MAX	17.9	13.0	23.0	29.3	1.70	13.5	3.23	1.33	2.98	5.72	18.1	2.22	MAX
MIN	0.511	0.351	0.551	0.589	0.283	0.282	0.268	0.242	0.282	0.413	0.566	0.308	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 29.3E ON APR 11
MINIMUM DAILY, 0.242 ON AUG 27
MAXIMUM INSTANTANEOUS,
73.8E AT 08:26 NST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 53 N
LONG 54 02 27 W
DRAINAGE AREA, 37.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 380	JUL	2 500
FEB	5 820	AUG	1 440
MAR	10 300	SEP	1 850
APR	9 240	OCT	3 620
MAY	1 400	NOV	9 070
JUN	4 920	DEC	1 830

TOTAL DISCHARGE, 59 400 dam³

REMARKS - PUBLISHED UNDER THE NAME "LITTLE BARASWAY RIVER NEAR PLACENTIA" TO 1985.

LITTLE CODROY RIVER NEAR DOYLES - STATION NO 02ZA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.4	13.7	1.76 B	9.24	7.15	1.46	1.50	1.18	2.88	3.86	2.03	7.28	1
2	23.7	10.2	1.65 B	10.8	6.32	3.61	1.40	1.22	2.37	3.43	2.08	5.86	2
3	18.8	9.00B	1.54 B	12.4	9.48	8.75	1.37	1.08	1.89	2.74	3.12	4.54	3
4	15.0 B	7.20B	1.43 B	8.42	6.76	9.26	1.41	1.00	1.69	2.42	2.41	17.9	4
5	12.5 B	5.98B	1.33 B	5.40B	5.31	6.97	3.37	0.566	1.49	6.62	4.12	12.5	5
6	10.1 B	5.17B	1.26 B	4.24B	4.80	5.48	3.32	0.900	1.32	5.85	3.09	8.53	6
7	8.50B	4.60B	1.18 B	3.55B	3.83	4.22	2.58	0.796	1.27	4.37	2.73	6.58	7
8	7.30B	4.00B	1.13 B	2.90B	3.53	4.17	2.27	0.836	1.38	3.75	2.41	5.13	8
9	6.20B	3.55B	1.07 B	2.65B	3.20	13.3	2.08	0.885	1.31	3.46	6.69	4.44	9
10	5.40B	3.17B	1.02 B	19.2	3.00	9.31	1.96	0.946	1.18	3.54	17.4	3.69	10
11	4.80B	2.85B	0.960B	24.4	2.96	6.56	1.90	1.24	1.12	3.22	9.94	3.23	11
12	4.27B	2.60B	0.918B	21.6	2.86	7.37	1.76	1.29	2.39	2.80	7.34	2.81	12
13	4.80B	2.37B	0.880B	24.1	2.92	5.56	1.65	1.27	5.85	2.51	6.04	2.50B	13
14	40.0 B	2.19B	0.850B	21.9	2.76	4.38	1.47	1.21	3.81	2.27	5.22	2.15B	14
15	28.0 B	2.00B	0.820B	21.6	2.79	3.59	1.44	1.11	2.97	12.8	4.23	2.00B	15
16	19.0 B	1.85B	0.790B	38.9	2.77	3.04	3.37	1.01	3.05	9.18	3.74	1.80B	16
17	13.0 B	1.72B	0.760B	47.3	2.76	2.89	2.85	0.944	3.37	6.65	3.35	1.59B	17
18	9.20B	1.60B	0.741B	25.6	2.62	3.15	2.42	0.875	3.42	5.23	3.25	1.57B	18
19	6.00B	1.50B	0.773B	15.0	2.80	2.76	2.07	0.822	2.90	4.21	3.47	1.46B	19
20	60.0 B	1.40B	2.93 B	10.8	2.61	2.43	1.79	0.880	2.44	3.56	2.90	1.37B	20
21	48.0 B	1.32B	4.98 B	11.9	2.06	2.12	1.78	0.903	2.10	3.11	2.51	1.28B	21
22	29.4	1.24B	4.60 B	15.5	2.17	1.87	2.06	0.811	1.81	2.72	2.44	1.21B	22
23	15.7	1.18B	3.90 B	17.8	4.38	1.70	1.68	0.774	1.66	2.99	2.25	1.15B	23
24	9.64	1.11B	3.38 B	21.9	3.37	1.74	1.51	0.730	1.55	6.13	6.72	1.08B	24
25	6.82	1.07B	2.95 B	21.3	2.81	1.92	1.42	1.03	1.48	4.74	21.4	1.63	25
26	4.93	1.83B	2.60 B	22.2	2.35	1.85	1.31	2.23	1.40	3.74	11.2	7.22	26
27	26.8	2.03B	6.90 B	20.2	2.16	1.68	1.19	1.77	4.92	3.21	17.5	9.39	27
28	140	1.93B	5.98 B	15.4	1.95	1.67	1.14	6.86	3.85	2.90	18.6	6.56	28
29	94.7		4.77 B	12.6	1.77	1.45	1.09	5.38	3.18	2.67	12.1	5.05	29
30	35.5		4.60 B	9.34	1.64	1.51	1.07	4.17	2.62	2.38	9.43	4.05	30
31	18.9		6.40 B		1.58		1.05	3.47		2.22		3.63	31
TOTAL	752.16	98.36	75.052	498.14	107.45	128.56	57.28	48.558	72.77	129.17	198.71	139.06	TOTAL
MEAN	24.3	3.51	2.42	16.6	3.47	4.29	1.85	1.57	2.43	4.17	6.62	4.49	MEAN
MAX	140	13.7	6.90	47.3	9.48	13.3	3.37	6.86	5.85	12.8	21.4	17.9	MAX
MIN	4.27	1.07	0.741	2.65	1.58	1.45	1.05	0.730	1.12	2.22	2.03	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.32
MAXIMUM DAILY, 140 ON JAN 28
MINIMUM DAILY, 0.730 ON AUG 24
MAXIMUM INSTANTANEOUS,
202 AT 18:49 NST ON JAN 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 19 N
LONG 59 11 40 W
DRAINAGE AREA, 139 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	65 000	JUL	4 950
FEB	8 500	AUG	4 200
MAR	6 480	SEP	6 290
APR	43 000	OCT	11 200
MAY	9 280	NOV	17 200
JUN	11 100	DEC	12 000

TOTAL DISCHARGE, 189 000 dam³

LITTLE MECATINA RIVER ABOVE LAC FOURMONT - STATION NO 02XA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.5B	27.7B	18.5B	14.5B	390B	123	134	93.0	75.0	85.2	66.0B	28.0B	1
2	29.2B	28.2B	18.3B	15.5B	430B	115	144	86.6	75.7	88.0	59.0B	27.8B	2
3	28.8B	28.1B	18.1B	17.2B	469	109	153	81.4A	73.0	88.7	54.0B	27.5B	3
4	28.5B	27.9B	17.8B	20.0B	471	104	153	81.7	68.9	88.8	51.0B	27.0B	4
5	28.2B	27.2B	17.5B	21.3B	439	101	152	91.4	66.5	91.2	48.5B	26.8B	5
6	28.0B	26.8B	17.3B	21.5B	385	95.8	144	94.8	62.7	99.5	46.0B	26.6B	6
7	27.9B	26.4B	17.1B	21.2B	332	91.6	138	96.6	59.5	105	44.0B	26.1B	7
8	27.5B	26.0B	16.8B	20.1B	306	86.3	128	97.0	59.9	104	42.8B	26.0B	8
9	27.1B	25.5B	16.7B	19.3B	287	86.1	125	97.2	63.3	108	41.0B	25.8B	9
10	26.9B	24.9B	16.5B	18.5B	276	96.2	131	96.5	67.1	107	40.0B	25.6B	10
11	26.5B	24.5B	16.3B	19.0B	271	110	134	92.8	87.7	102	39.0B	25.3B	11
12	26.2B	24.0B	16.0B	20.0B	268	120	135	89.6	89.8	96.6	38.0B	25.0B	12
13	26.0B	23.8B	15.9B	21.0B	265	128	133	84.2	116 A	98.8	37.0B	24.9B	13
14	25.8B	23.2B	15.7B	22.0B	277	128	129	77.1	131 E	84.3	36.0B	24.8B	14
15	25.5B	22.8B	15.5B	23.0B	294	123	120	71.1	146 E	85.8	35.0B	24.5B	15
16	25.3B	22.5B	15.4B	24.5B	312	119	111	65.0	152 E	109	34.1B	24.2B	16
17	25.0B	22.3B	15.3B	26.0B	317	127	102	58.7	151 E	128	33.8B	24.0B	17
18	24.9B	21.9B	15.1B	28.0B	318	146	83.5	54.8	140 E	131	33.1B	23.9B	18
19	24.8B	21.6B	15.0B	30.0B	325	149	86.9	52.9	126 E	133	32.8B	23.8B	19
20	24.5B	21.3B	14.9B	32.0B	325	148	80.4	53.0	115 E	128	32.1B	23.6B	20
21	24.2B	20.9B	14.8B	37.0B	304	144	75.4	55.6	105 E	120	31.9B	23.3B	21
22	24.1B	20.6B	14.7B	44.0B	280	133	78.7	57.2	98.0E	114	31.1B	23.0B	22
23	23.9B	20.4B	14.5B	50.0B	252	126	83.9	58.7	98.0E	111	31.0B	22.9B	23
24	23.8B	20.0B	14.4B	60.0B	222	115	86.6	59.6	102 E	107	30.5B	22.8B	24
25	23.7B	19.8B	14.3B	70.0B	197	105	88.9	60.3	111 E	103	30.0B	22.7B	25
26	23.7B	19.5B	14.2B	84.0B	173	106	102	61.7	108 E	86.2	29.9B	22.5B	26
27	23.8B	19.3B	14.1B	118 B	156	120	114	63.6	92.9A	87.1	29.5B	22.3B	27
28	23.9B	18.9B	14.0B	170 B	148	126	115	66.6	92.8	91.8	29.0B	22.1B	28
29	24.9B		14.0B	230 B	151	128	112	70.1	89.7	103	28.9B	22.0B	29
30	26.0B		13.9B	300 B	143	130	106	71.9	85.8	86.1	28.5B	21.9B	30
31	27.0B		13.9B		134		99.2	74.0		74.9		21.8B	31
TOTAL	804.9	656.0	486.5	1 587.6	8 914	3 539.2	3 568.5	2 315.7	2 871.3	3 164.9	1 143.1	758.4	TOTAL
MEAN	26.0	23.4	15.7	53.3	288	118	116	74.7	95.7	102	38.1	24.5	MEAN
MAX	29.5	28.2	18.5	300	471	149	153	97.2	152	133	66.0	28.0	MAX
MIN	23.6	18.9	13.9	14.5	134	86.1	75.4	52.9	59.5	74.9	28.5	21.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.7
MAXIMUM DAILY, 471 ON MAY 4
MINIMUM DAILY, 13.9B ON MAR 30
MAXIMUM INSTANTANEOUS,
487 AT 04:50 AST ON MAY 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 42 N
LONG 61 19 21 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	69 500	JUL	310 000
FEB	56 700	AUG	200 000
MAR	42 000	SEP	248 000
APR	138 000	OCT	273 000
MAY	770 000	NOV	98 800
JUN	306 000	DEC	65 600

TOTAL DISCHARGE, 2 880 000 dam³

LITTLE SALMONIER RIVER NEAR NORTH HARBOUR - STATION NO. 02ZK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.17	13.6	38.6	17.5	2.40	0.849	5.14	4.03	2.23	3.06	2.41	5.17	1
2	20.5	6.24	23.3	14.8	2.12	0.834	3.54	5.58	1.63	3.67	2.74	3.62	2
3	13.2	4.55B	30.7	22.1	1.91	3.28	2.61	5.77	1.38	2.87	2.32	3.05	3
4	7.89	3.65B	18.5	20.9	1.86	6.78	2.73	3.82	1.21	2.36	1.90	7.05	4
5	7.11	3.20B	10.1	11.4	1.80	4.37	2.69	3.91	1.12	5.47	2.69	12.5	5
6	5.24	4.00B	9.13	5.28	2.28	3.09	2.17	3.31	1.05	20.1	2.87	5.92	6
7	4.05	3.48B	8.76	4.30	4.86	2.35	1.62	2.21	1.01	13.4	2.39	4.47	7
8	3.38	3.00B	6.15	3.19	6.72	1.93	1.41	1.73	0.961	7.86	3.02	2.71	8
9	3.00B	2.60B	3.50B	2.58	5.12	17.8	1.24	1.87	0.977	4.60	2.86	2.05 B	9
10	2.72B	2.24B	2.25B	3.31	4.59	19.4	1.12	2.26	0.990	3.26	32.4	1.69 B	10
11	2.47B	2.05B	3.33B	126 E	3.41	8.96	0.979	2.50	0.953	2.86	17.5	1.45 B	11
12	2.28B	1.83B	5.45B	69.5	2.38	5.22	0.857	2.11	0.896	2.46	7.68	1.28 B	12
13	2.11B	1.69B	4.30B	26.8	1.81	3.47	0.745	1.80	0.880	1.91	4.64	1.17 B	13
14	1.98B	1.50B	3.65B	15.3	1.86	2.63	0.678	1.41	1.02	1.53	6.47	1.08 B	14
15	1.88B	1.66B	3.07B	10.2	1.73	2.06	0.633	1.08	1.02	1.71	2.18	1.00 B	15
16	1.79B	4.70B	2.76B	8.76	1.49	1.82	0.614	0.907	0.846	2.17	2.62	0.940B	16
17	1.71B	24.1 B	2.40B	22.6	1.18	1.55	0.663	0.824	4.27	1.94	4.84	0.900B	17
18	2.62B	14.0 B	2.28	20.3	0.936	4.16	0.656	0.783	15.2	7.21	7.36	0.850B	18
19	4.60B	10.1 B	2.12	11.2	0.924	3.87	0.635	0.705	8.21	12.1	6.32	0.810B	19
20	7.80B	7.50B	7.87	6.76	0.935	2.82	3.77	0.679	4.87	7.31	5.15	0.790B	20
21	42.2	6.15B	21.5	4.42	0.976	2.13	14.7	0.657	2.16	4.46	4.21	2.20 B	21
22	35.8	5.02B	11.9	3.25	1.20	1.72	8.99	0.599	2.39	3.25	25.9	6.60 B	22
23	17.4	4.36B	6.14	2.57	1.45	1.55	5.44	0.547	2.16	2.79	26.2	4.00 B	23
24	7.45	3.93B	4.68	2.42	1.45	1.37	3.63	0.551	1.73	4.43	13.3	3.10 B	24
25	3.49	3.52B	6.86	2.26	1.31	1.26	2.42	0.622	1.53	6.26	34.7	2.60 B	25
26	2.49B	5.50B	4.36	2.10	1.09	1.11	1.85	0.914	1.36	4.85	24.0	2.26 B	26
27	5.12	8.90B	5.70	1.88	1.09	0.970	1.28	0.901	5.06	3.23	17.7	2.62 B	27
28	17.8	18.0 B	44.0	2.35	1.07	0.876	0.953	0.853	14.1	7.31	25.7	3.50 B	28
29	47.0		50.0	2.93	0.995	3.96	1.11	2.38	7.13	9.54	16.1	2.92 B	29
30	24.4		24.3	2.61	0.927	5.98	4.20	3.48	4.15	5.58	8.29	2.42	30
31	21.5		16.5		0.847		4.91	2.81		4.70		2.07	31
TOTAL	326.16	171.07	383.76	450.18	63.640	119.059	85.013	61.182	93.573	165.16	315.26	94.780	TOTAL
MEAN	10.5	6.11	12.4	15.0	2.05	3.97	2.74	1.97	3.12	5.33	10.5	3.06	MEAN
MAX	47.0	24.1	50.0	126	6.72	19.4	14.7	5.77	15.2	20.1	34.7	12.5	MAX
MIN	1.71	1.50	2.12	1.88	0.847	0.834	0.614	0.547	0.860	1.53	1.90	0.790	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.38
MAXIMUM DAILY, 126E ON APR 11
MINIMUM DAILY, 0.547 ON AUG 23
MAXIMUM INSTANTANEOUS,
208E AT 13:47 NST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 15 N
LONG 53 44 00 W
DRAINAGE AREA, 104 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 200	JUL	7 350
FEB	14 800	AUG	5 290
MAR	33 200	SEP	8 080
APR	38 900	OCT	14 300
MAY	5 480	NOV	27 200
JUN	10 300	DEC	8 190

TOTAL DISCHARGE, 201 000 dam^3

LLOYDS RIVER BELOW KING GEORGE IV LAKE - STATION NO. 02YN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.8	84.1	8.00B	6.70B	53.2	5.66	5.41	2.47E	4.38E	12.8E	11.2 E	18.0	1
2	21.9	53.4	7.50B	6.00B	44.0	5.83	5.13	2.38E	4.30E	13.9E	11.9 E	16.3	2
3	18.7	44.6	7.00B	7.40B	38.9	9.45	4.64A	2.29E	4.10E	15.5E	12.5 E	15.3	3
4	16.5 B	32.9	6.70B	9.00B	35.1	20.9	4.80E	2.20E	4.05E	24.0E	12.3 E	14.1	4
5	14.9 B	26.1	6.30B	10.0 B	30.2	25.2	4.99E	2.14E	4.02E	35.0E	11.9 E	15.5	5
6	13.2 B	20.3	6.00B	12.2 B	25.1	23.5	5.20E	2.05E	3.95E	36.0E	11.3 E	15.3	6
7	12.0 B	16.4	5.75B	11.5 B	20.7	20.2	5.35E	2.50E	3.81E	37.0E	11.5 E	15.3 B	7
8	11.1 B	14.2	5.50B	11.0	18.0	17.5	5.39E	3.00E	3.70E	34.5E	16.0 E	14.2 B	8
9	10.3 B	12.7	5.25B	9.99	16.0	16.0	5.39E	3.70E	3.60E	29.0E	32.0 E	13.2 B	9
10	9.60B	11.5 B	5.00B	12.2	14.3	14.2	5.22E	5.00E	3.50E	25.0E	42.0 E	12.3 B	10
11	9.00B	10.3 B	4.85B	42.4	12.9	13.7	5.05E	9.60E	3.41A	21.0E	30.0 E	11.6 B	11
12	8.50B	9.40B	4.70B	81.1	11.7	13.1	4.90E	10.1 E	3.60E	18.2E	24.0 E	10.7 B	12
13	11.0 B	8.70B	4.50B	117	11.2	12.2	4.80E	10.4 E	3.75E	15.4E	19.0 E	10.1 B	13
14	14.0 B	8.00B	4.31B	131	11.0	11.1	4.70E	10.0 E	4.30E	15.0E	17.0 E	9.80B	14
15	22.6 B	7.50B	4.20B	135	10.6	10.1	5.05E	9.40E	6.60E	18.0E	15.5 E	9.10B	15
16	33.5 B	7.00B	4.10B	145	9.99	8.91	5.55E	8.80E	13.0 E	20.3E	13.7 E	8.60B	16
17	31.0 B	6.60B	3.95B	205	9.66	8.86	5.99E	8.10E	22.0 E	21.0E	12.0 E	8.20B	17
18	27.9 B	6.20B	3.85B	188	9.20	11.4	6.00E	7.50E	22.8 E	19.2E	9.90A	7.90B	18
19	24.9 B	5.95B	3.75B	141	8.90	12.1	5.85E	7.00E	23.0 E	17.3E	9.57	7.55B	19
20	22.0 B	5.62B	4.20B	100	8.67	12.1	5.50E	6.60E	21.2 E	15.8E	9.80	7.20B	20
21	43.6	5.40B	6.00B	78.8	8.57	11.2	5.20E	6.00E	19.0 E	14.4E	9.75	6.95B	21
22	65.8	5.15B	6.00B	73.6	8.66	10.4	4.80E	5.68E	15.5 E	12.7E	10.7	6.70B	22
23	66.2	4.99B	6.60B	85.7	9.36	9.66	4.40E	5.40E	12.5 E	13.0E	11.8	6.40B	23
24	54.1	5.70B	6.60B	96.7	9.50	8.83	4.05E	5.10E	12.2 E	14.4E	13.9	6.20B	24
25	44.1	6.50B	6.20B	104	8.84	8.22	3.78E	4.94E	10.0 E	14.9E	14.4	6.00B	25
26	29.0 B	7.40B	6.80B	108	8.82	7.31	3.50E	4.70E	11.2 E	14.4E	17.5	5.80B	26
27	25.0 B	8.10B	6.80B	107	8.21	6.52	3.25E	4.50E	13.2 E	13.9E	16.7	5.80B	27
28	102	8.40B	7.40B	92.2	7.47	6.15	3.00E	4.55E	13.8 E	13.1E	17.0	5.90B	28
29	286		8.10B	77.8	6.69	5.90	2.85E	4.60E	13.9 E	12.5E	18.7	6.30B	29
30	225		7.60B	64.7	6.28	5.68	2.70E	4.55E	12.9 E	12.0E	19.1	6.10B	30
31	140		7.20B		5.89		2.80E	4.42E		11.8E		5.80B	31
TOTAL	1 440.30	463.11	178.61	2 290.18	487.51	352.08	145.04	170.67	297.27	590.1	484.63	309.00	TOTAL
MEAN	46.5	16.5	5.76	76.3	15.7	11.7	4.68	5.51	9.91	19.0	16.2	9.97	MEAN
MAX	286	84.1	8.10	205	53.2	25.2	6.00	10.4	23.0	37.0	42.0	18.0	MAX
MIN	8.50	4.99	3.75	6.00	5.89	5.66	2.80	2.05	3.41	11.8	9.57	5.60	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.7
MAXIMUM DAILY, 286 ON JAN 29
MINIMUM DAILY, 2.05E ON AUG 6
MAXIMUM INSTANTANEOUS,
310 AT 13:16 NST ON JAN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 32 N
LONG 57 49 41 W
DRAINAGE AREA, 469 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	124 000	JUL	12 500
FEB	40 000	AUG	14 700
MAR	15 400	SEP	25 700
APR	198 000	OCT	51 000
MAY	42 100	NOV	41 900
JUN	30 400	DEC	26 700

TOTAL DISCHARGE, 522 000 dam^3

MAIN RIVER AT PARADISE POOL - STATION NO. 02YG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.9	60.0 B	9.60B	17.0B	98.6	38.4	8.59	2.23	6.07	18.4	20.3	11.5	1
2	26.1	53.0 B	9.00B	20.0B	103	44.2	7.89	2.44	5.60	25.9	30.1	10.6	2
3	21.7 B	46.0 B	8.40B	25.0B	125	67.2	7.19	2.34	8.12	27.9	21.0E	9.77	3
4	19.3 B	40.0 B	7.90B	30.0B	128	81.1	7.21	2.04	9.25	26.1	23.5E	9.49	4
5	17.4 B	36.0 B	7.50B	28.0B	83.1	85.8	8.41	2.70	7.76	23.4	21.5E	9.00B	5
6	15.8 B	32.0 B	7.20B	26.0B	66.0	66.4	11.4	3.37	6.91	32.2	20.0E	8.70B	6
7	14.5 B	29.0 B	6.60B	21.0B	56.0	50.5	9.77	2.57	6.01	34.5	18.5E	8.40B	7
8	13.2 B	26.0 B	6.30B	17.5B	53.8	42.4	8.26	22.0	5.58	30.1	17.0E	8.00B	8
9	12.2 B	23.5 B	6.00B	14.4B	46.3	62.9	8.09	48.0	5.35	27.5	16.3E	[illegible]	9
10	11.2 B	21.5 B	5.70B	16.0B	49.7	61.0	8.08	64.3	5.00	31.5	22.0E	7.30B	10
11	10.3 B	19.5 B	5.40B	21.0B	62.7	60.3	7.57	75.9	4.45	31.6	32.0E	[illegible]	11
12	9.65B	18.0 B	5.15B	39.0B	52.5	54.4	6.87	56.6	3.92	28.6	33.5E	6.70B	12
13	9.00B	16.5 B	4.90B	54.0B	67.6	65.5	6.32	41.1	6.69	27.6	30.0E	6.40B	13
14	11.8 B	15.0 B	4.70B	76.0B	84.6	38.1	6.06	30.8	16.7	27.3	27.0E	6.20B	14
15	15.7 B	14.1 B	4.50B	98.0B	112	32.6	5.55	24.8	14.0	27.1	22.5E	6.00B	15
16	22.5 B	13.1 B	4.39B	125	133	29.4	7.25	20.4	18.1	31.6	19.3E	5.80B	16
17	25.0 B	12.2 B	4.19B	139	130	27.2	10.8	16.9	22.3	32.8	17.2E	5.50B	17
18	22.4 B	11.3 B	4.00B	143	118	26.3	6.57	14.1	20.0	29.2	15.6E	5.30B	18
19	20.0 B	10.6 B	3.89B	106	112	24.6	5.34	11.2	15.7	26.7	14.6E	5.10B	19
20	18.5 B	9.90B	7.00B	16.2	92.3	21.3	4.52	10.2	12.7	22.8	14.6A	5.00B	20
21	23.5 B	9.00B	12.0 B	77.5	67.3	18.3	4.55	8.77	11.4	20.2	14.6	4.80B	21
22	30.0 B	9.60B	14.0 B	114	61.0	16.3	4.82	7.65	10.1	17.9	14.2	4.70B	22
23	34.0 B	10.0 B	13.0 B	149	68.1	14.8	5.21	6.66	10.8	15.6	15.2	4.50B	23
24	31.0 B	11.0 B	11.7 B	171	66.7	13.7	5.51	6.33	16.9	15.9	13.9	4.40B	24
25	28.0 B	10.2 B	10.5 B	154	62.7	13.0	6.19	6.21	17.2	15.4	13.6	4.30B	25
26	25.0 B	9.60B	9.50B	173	51.3	11.9	6.02	8.93	14.9	12.9	13.1	4.20B	26
27	23.0 B	9.40B	9.10B	176	48.8	10.7	4.73	9.74	21.7	11.6	12.5	4.00B	27
28	37.0 B	10.3 B	11.0 B	125	47.9	9.75	3.82	9.30	26.7	12.2	12.4	4.60B	28
29	56.0 B		15.0 B	157	46.3	9.30	2.80	8.49	23.0	11.0	12.3	4.00B	29
30	80.0 B		16.0 B	110	43.8	9.01	2.39	7.42	19.4	10.6	11.8	5.60B	30
31	70.0 B		14.9 B		41.1		2.18	6.61		18.6		6.20B	31
TOTAL	780.65	586.30	259.02	2 498.6	2 384.3	1 088.36	201.06	541.12	372.31	724.5	580.1	201.86	TOTAL
MEAN	25.2	20.9	8.36	83.3	76.9	36.3	6.49	17.5	12.4	23.4	18.7	6.51	MEAN
MAX	80.0	60.0	16.0	176	133	85.8	11.4	75.9	26.7	34.5	33.5	11.5	MAX
MIN	9.00	9.00	3.89	14.4	41.1	9.01	2.18	2.04	3.92	10.6	11.8	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.9
MAXIMUM DAILY, 176 ON APR 27
MINIMUM DAILY, 2.04 ON AUG 4
MAXIMUM INSTANTANEOUS,
202 AT 01:39 NST ON APR 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 46 N
LONG 57 09 24 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 400	JUL	17 400
FEB	50 700	AUG	46 800
MAR	22 400	SEP	32 200
APR	216 000	OCT	62 600
MAY	206 000	NOV	48 400
JUN	94 000	DEC	17 400

TOTAL DISCHARGE, 881 000 dam³

MIDDLE BROOK NEAR GAMBO - STATION NO. 02YR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.62B	9.33	3.40B	5.68	13.1	3.43	2.17	2.43	1.17	5.95E	7.17	5.63	1
2	3.08B	9.29	4.42B	6.84	12.4	3.49	2.46	2.47	[illegible]	6.35E	6.82	5.25B	2
3	3.70B	6.70B	5.30B	8.83	11.8	5.12	2.26	2.46	1.30	6.10E	6.54	5.00B	3
4	4.20B	7.70B	5.60B	10.2	11.1	6.41	2.23	2.34	1.37	5.90E	5.96	5.34	4
5	4.05B	7.00B	4.95B	10.9	10.4	6.19	2.49	2.23	1.36	6.60E	5.89	5.15B	5
6	3.80B	6.50B	4.45B	11.1	9.76	6.01	2.57	2.14	1.41	9.20E	5.40	5.00B	6
7	3.64B	5.80B	4.02B	10.9	9.57	5.71	2.46	2.05	1.41	8.70E	5.09	4.80B	7
8	3.48B	5.30B	3.70B	10.4	9.51	5.33	2.32	1.99	1.51	8.25E	4.78	4.60B	8
9	3.32B	4.90B	3.39B	9.95	9.46	5.54	2.57	1.94	1.63	8.28E	4.61	4.41B	9
10	3.15B	4.50B	3.15B	9.42	9.33	5.23	3.49	1.99	1.52	8.30E	5.96	4.25B	10
11	3.00B	4.20B	2.89B	12.6	9.02	5.06	4.12	2.09	1.50	8.25E	6.03	4.10B	11
12	2.88B	3.80B	2.70B	20.4	8.60	4.59	4.85	2.06	1.48	8.15E	5.89	3.92B	12
13	2.74B	3.60B	2.50B	24.7	8.10	4.31	5.09	2.04	1.43	7.95E	5.44	3.79B	13
14	2.62B	3.32B	2.35B	27.9	7.61	4.10	5.14	1.88	1.41	7.75E	6.13	3.65B	14
15	2.52B	3.12B	2.20B	29.5	7.23	3.86	5.18	1.80	1.44	7.55E	5.12	3.52B	15
16	2.42B	2.92B	2.06B	30.6	6.90	3.66	5.18	1.79	1.34	7.30E	5.15	3.40B	16
17	2.32B	2.74B	1.94B	33.3	6.51	3.26	5.10	1.69	1.80E	6.80E	4.90	3.28B	17
18	2.25B	2.57B	1.84B	33.0	6.13	3.11	4.75	1.64	3.60E	6.60E	4.78	3.17B	18
19	2.16B	2.42B	1.73B	28.8	5.94	2.87	4.50	1.58	3.55E	6.50E	4.64	3.07B	19
20	2.08B	2.30B	2.05B	25.2	5.87	2.72	4.46	1.54	3.45E	6.40E	4.50B	3.00B	20
21	2.80B	2.18B	2.45B	23.0	5.72	2.58	4.51	1.48	3.35E	6.10E	4.38B	3.25B	21
22	3.50B	2.08B	2.90B	21.4	5.52	2.43	4.28	1.39	3.25E	5.90E	4.26B	3.60B	22
23	3.23B	1.98B	2.68B	20.2	5.48	2.39	3.93	1.25	3.35E	6.48A	4.12B	4.00B	23
24	3.00B	1.88B	2.48B	19.2	5.06	2.25	3.78	1.21	3.58E	7.54	3.95B	3.80B	24
25	2.75B	1.78B	2.30B	18.3	4.87	2.16	3.45	1.16	3.95E	8.41	4.50B	3.62B	25
26	2.50B	2.00B	2.55B	17.5	4.53	2.06	3.20	1.17	4.40E	8.62	5.35	3.45B	26
27	2.35B	2.38B	2.80B	16.7	4.31	1.94	3.04	1.16	5.00E	8.27	5.29	3.32B	27
28	3.25B	2.80B	3.10B	15.8	4.16	1.80	2.77	1.14	5.85E	8.01	5.40	3.18B	28
29	4.30B		3.55B	15.0	3.98	1.85	2.61	1.25	5.75E	8.01	5.38	3.05B	29
30	5.40B		4.15	13.9	3.85	1.84	2.66	1.24	5.60E	7.93	5.48	2.95B	30
31	7.70B		4.64		3.72		2.45	1.17		7.61		2.85B	31
TOTAL	100.81	117.09	98.24	541.22	229.51	111.30	110.08	53.74	78.93	229.76	158.61	121.40	TOTAL
MEAN	3.25	4.18	3.17	18.0	7.40	3.71	3.55	1.73	2.63	7.41	5.29	3.92	MEAN
MAX	7.70	9.33	5.60	33.3	13.1	6.41	5.18	2.47	5.85	9.20	7.17	5.63	MAX
MIN	2.08	1.78	1.73	5.68	3.72	1.80	2.17	1.14	1.17	5.90	3.95	2.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.34
MAXIMUM DAILY, 33.3 ON APR 17
MINIMUM DAILY, 1.14 ON AUG 28
MAXIMUM INSTANTANEOUS,
34.4 AT 19:03 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 28 N
LONG 54 13 28 W
DRAINAGE AREA, 267 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 710	JUL	9 510
FEB	10 100	AUG	4 640
MAR	8 [illegible]	SEP	6 820
APR	46 800	OCT	19 900
MAY	19 800	NOV	13 700
JUN	9 620	DEC	10 500

TOTAL DISCHARGE, 169 000 dam³

MINIPI RIVER BELOW MINIPI LAKE - STATION NO. 03OE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5B	16.5B	13.2B	10.7 B	72.0B	116	67.7	48.2	48.5	64.9A	52.2B	24.7B	1
2	21.2B	16.4B	13.1B	10.6 B	86.4	114	67.7	47.3	48.3	66.2	50.6B	24.3B	2
3	21.1B	16.3B	13.0B	10.5 B	96.5	109	68.1	46.4	49.6	69.1	48.5B	23.9B	3
4	20.8B	16.1B	12.9B	10.4 B	105	108	67.8	48.9	48.5	68.4	46.7B	23.6B	4
5	20.6B	16.0B	12.8B	10.4 B	111	99.8	66.5	52.6	49.6	70.1	44.8B	23.3B	5
6	20.4B	15.8B	12.7B	10.3 B	114	97.5	63.8	52.5	49.6	66.4	43.0B	22.9B	6
7	20.3B	15.7B	12.6B	10.3 B	117	93.0	61.6	53.5	49.8	65.7	41.3B	22.5B	7
8	20.1B	15.6B	12.5B	10.2 B	121	94.3	59.6	54.5	50.4	67.3	40.0B	22.2B	8
9	19.9B	15.4B	12.4B	10.1 B	124	93.3	58.9	54.7	51.7	64.9	39.3B	21.8B	9
10	19.8B	15.3B	12.3B	10.1 B	128	89.3	57.3	54.8	51.4	63.6	38.2B	21.6B	10
11	19.7B	15.2B	12.2B	10.0 B	130	87.0	57.8	56.7	53.4	61.7	37.3B	21.3B	11
12	19.6B	15.1B	12.2B	9.90B	131	85.5	57.3	55.3	56.9	55.5	36.3B	20.9B	12
13	19.3B	15.0B	12.1B	9.80B	133	85.1	56.5	51.6	67.9	59.4	35.0B	20.5B	13
14	19.1B	14.9B	12.0B	9.80B	138	80.6	55.5	51.4	71.7	59.1	34.3B	20.3B	14
15	18.9B	14.8B	11.9B	9.78B	143	79.4	54.4	51.3	73.2	63.1	33.5B	20.1B	15
16	18.8B	14.7B	11.8B	10.3 B	147	79.5	52.3	51.1	74.8	65.8	32.7B	19.8B	16
17	18.7B	14.6B	11.8B	11.3 B	149	80.4	51.1	50.1	76.7	66.3	32.1B	19.5B	17
18	18.5B	14.4B	11.7B	12.5 B	151	81.5	50.4	49.4	81.0	65.3	31.4B	19.3B	18
19	18.4B	14.3B	11.6B	13.6 B	154	78.9	49.5	49.4	80.9	66.0	30.6B	18.9B	19
20	18.2B	14.2B	11.5B	15.2 B	155	77.9	48.6	49.1	80.9	62.3	30.1B	18.7B	20
21	18.0B	14.1B	11.4B	17.0 B	155	78.2	47.5	48.3	83.2	65.8	29.5B	18.4B	21
22	17.9B	13.9B	11.2B	19.0 B	153	78.4	45.5	46.0	80.4	66.3	28.9B	18.1B	22
23	17.8B	13.8B	11.2B	21.5 B	149	78.4	46.5	47.3	81.7	64.4	28.4B	17.9B	23
24	17.6B	13.7B	11.1B	24.5 B	146	78.7	44.7	49.1	81.8	62.8	27.7B	17.6B	24
25	17.5B	13.6B	11.1B	27.0 B	142	73.2	47.5	48.7	79.5	69.1	27.1B	17.4B	25
26	17.3B	13.5B	11.0B	31.5 B	137	75.1	50.0	46.9	76.6	45.4	26.6B	17.2B	26
27	17.2B	13.5B	11.0B	36.5 B	132	78.7	47.7	47.3	74.6	58.3	26.3B	16.9B	27
28	17.0B	13.4B	10.9B	44.0 B	130	77.6	48.5	49.4	71.1	60.1	25.8B	16.7B	28
29	16.8B		10.9B	50.0 B	129	76.3	49.2	47.9	72.2	59.7	25.4B	16.4B	29
30	16.7B		10.8B	60.0 B	126	72.6	47.9	48.7	72.6	57.7	25.1B	16.2B	30
31	16.6B		10.8B		118		48.3	47.0		55.6		16.0B	31
TOTAL	585.0	415.8	367.7	546.78	4 022.9	2 603.5	1 695.7	1 555.5	1 990.4	1 945.5	1 048.9	618.9	TOTAL
MEAN	18.9	14.9	11.9	18.2	130	86.8	54.7	50.2	66.3	62.8	35.0	20.0	MEAN
MAX	21.5	16.5	13.2	60.0	155	116	68.1	56.7	83.2	70.1	52.2	24.7	MAX
MIN	16.6	13.4	10.8	9.78	72.0	72.6	44.7	46.0	48.3	45.4	25.1	16.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.7
MAXIMUM DAILY, 155 ON MAY 20
MINIMUM DAILY, 9.78B ON APR 15
MAXIMUM INSTANTANEOUS,
156 AT 19:50 AST ON MAY 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 53 N
LONG 61 11 11 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	50 500	JUL	147 000
FEB	35 900	AUG	134 000
MAR	31 800	SEP	172 000
APR	47 200	OCT	168 000
MAY	348 000	NOV	90 600
JUN	225 000	DEC	53 500

TOTAL DISCHARGE, 1 500 000 dam³

MOBILE RIVER AT MOBILE FIRST POND - STATION NO. 02ZM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.51	0	11.3	10.3	5.95	6.09	7.87	0	0	6.51	8.80	6.94	1
2	5.27	0.838	10.9	10.0	6.48	2.97	6.94	0	0	7.56	5.37	5.44	2
3	6.43	2.02	10.9	7.84	6.00	5.92	4.36	0	0	4.73	5.95	4.28	3
4	5.86	5.58	10.8	11.1	6.48	6.17	8.75	0	0	5.64	5.15	7.31	4
5	7.02	6.94	10.2	7.79	7.08	5.83	5.74	0	0	6.37	6.76	6.85	5
6	5.07	6.40	6.24	4.33	5.24	3.71	5.55	0	0	6.16	4.11	5.75	6
7	5.52	6.53	6.00	6.99	6.52	3.71	4.81	0	0	7.84	9.43	4.59	7
8	5.69	4.90	6.61	6.97	8.51	3.43	6.86	0	0	0	5.61	3.79	8
9	3.82	4.33	6.06	6.23	6.48	5.80	6.84	0	0	3.26	5.58	4.87	9
10	6.46	6.65	6.77	6.03	6.99	9.74	7.02	0	0.111	4.79	10.6	4.47	10
11	5.15	6.26	6.63	7.67	5.61	6.48	8.83	0	0.888	3.37	9.17	3.66	11
12	5.18	5.64	6.74	12.3	5.38	6.48	8.63	0	0.963	1.50	4.11	4.69	12
13	3.62	5.78	5.78	11.3	6.03	5.18	5.15	0	0	6.97	5.69	4.81	13
14	6.91	4.42	6.09	10.6	6.46	4.96	3.23	0	5.47	4.78	7.02	3.31	14
15	5.82	5.06	6.40	9.06	5.87	4.81	0	0	3.31	5.10	2.55	6.02	15
16	5.21	7.45	7.62	7.11	5.49	5.27	0	0	2.01	5.62	5.21	3.94	16
17	4.53	10.5	8.84	10.7	4.62	5.07	0	0	3.71	5.47	6.80	4.45	17
18	5.52	5.95	7.11	8.72	7.02	6.12	0	0	9.06	7.22	5.95	4.75	18
19	6.47	4.19	6.20	6.00	5.89	5.99	0	0	5.61	11.6	3.50	5.46	19
20	4.64	7.08	7.18	6.37	3.02	4.36	0	0	3.68	4.47	10.6	4.60	20
21	11.9	7.93	10.6	3.96	4.25	6.46	0	0	4.33	5.13	6.78	6.99	21
22	11.3	5.56	6.34	6.71	7.45	7.08	0	0	5.27	4.53	11.2	4.63	22
23	10.5	5.24	5.89	5.61	6.12	6.88	0	0	5.12	3.99	11.2	5.82	23
24	6.65	4.28	6.81	5.13	4.64	6.14	0	0	4.87	5.86	6.56	5.61	24
25	2.46	6.77	6.74	8.21	7.31	6.08	0	0	6.99	7.28	8.55	5.40	25
26	7.11	7.78	4.83	7.38	6.57	5.64	0	0	4.28	8.91	10.6	5.55	26
27	7.84	7.45	8.71	3.94	5.66	6.03	0	0	4.60	1.82	10.5	4.47	27
28	11.0	11.2	8.18	4.25	6.09	5.83	0	0	10.4	6.14	8.02	4.08	28
29	11.5		11.7	6.00	5.72	7.82	0	0	5.32	6.80	7.38	4.25	29
30	10.8		10.8	5.66	5.61	6.33	0	0	3.11	10.2	6.12	3.94	30
31	6.74		8.61		5.72		0	0		3.46		4.70	31
TOTAL	207.62	163.958	237.69	228.47	184.48	176.43	87.94	0	89.013	176.41	211.57	157.26	TOTAL
MEAN	6.70	5.85	7.67	7.62	5.95	5.88	2.84	0	2.97	5.69	7.05	5.07	MEAN
MAX	11.9	11.2	11.7	12.3	8.51	9.74	8.83	0	10.4	11.6	11.2	7.31	MAX
MIN	1.51	0	4.83	3.94	3.02	2.97	0	0	0	0	2.55	3.31	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.26
MAXIMUM DAILY, 12.3 ON APR 12
MINIMUM DAILY, 0 ON FEB 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 14 58 N
LONG 52 53 20 W
DRAINAGE AREA, 112 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 900	JUL	7 600
FEB	14 200	AUG	0
MAR	20 500	SEP	7 690
APR	19 700	OCT	15 200
MAY	15 900	NOV	18 300
JUN	15 200	DEC	13 600

TOTAL DISCHARGE, 166 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

NEWFOUNDLAND AND LABRADOR

NASKAUPI RIVER BELOW NASKAUPI LAKE - STATION NO. 03PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	31.3B	24.7B	19.8B	15.4B	86.0B	226E	121	118	56.3	52.7	47.8	25.6B
2	31.2B	24.5B	19.6B	15.3B	102 B	213E	123	116	55.5	54.1	45.0B	25.3B
3	31.0B	24.2B	19.4B	15.2B	116 B	200E	122	114	54.3	51.9	43.5B	25.0B
4	30.8B	24.1B	19.2B	15.1B	132 B	186E	121	112	53.6	52.9	42.0B	24.9B
5	30.4B	23.9B	19.1B	14.9B	150 B	173E	120	112	52.5	58.0	40.5B	24.6B
6	30.2B	23.7B	18.8B	14.8B	173 B	162E	118	108	51.7	59.3	39.5B	24.3B
7	30.0B	23.5B	18.7B	14.7B	200 B	155E	117	104	51.6	61.5	38.5B	24.0B
8	29.8B	23.4B	18.6B	14.6B	230 B	148E	113	101	51.9	61.0	37.5B	23.9B
9	29.6B	23.2B	18.5B	14.4B	255 B	145E	114	98.5	49.9	63.3	36.5B	23.7B
10	29.4B	23.0B	18.3B	[illegible]	290 B	143E	113	94.4	50.5	65.7	35.5B	23.5B
11	29.1B	22.9B	18.2B	[illegible]	325 B	141E	114	89.2	47.9	62.2	35.0B	23.2B
12	28.9B	22.7B	18.0B	[illegible]	370 B	141	113	86.7	47.0	65.7	34.1B	23.0B
13	28.7B	22.5B	17.9B	[illegible]	420 B	139	112	84.7	47.1	62.3	33.5B	22.9B
14	28.4B	22.3B	17.6B	13.9B	480 B	136	112	83.4	48.5	61.6	33.0B	22.7B
15	28.2B	22.1B	17.5B	13.8B	510 B	135	110	82.3	48.5	61.6	32.3B	22.4B
16	28.0B	21.9B	17.4B	15.9B	525 B	133	107	81.3	51.0	59.2	31.6B	22.1B
17	27.9B	21.8B	17.3B	17.0B	528 E	130	104	77.5	52.3	58.3	31.0B	22.0B
18	27.6B	21.6B	17.2B	19.2B	525 E	128	101	77.1	50.6	57.4	30.3B	21.8B
19	27.3B	21.5B	17.1B	21.5B	520 E	129	96.0	75.8	53.3	56.3	29.9B	21.7B
20	27.2B	21.3B	16.9B	24.0B	500 E	130	92.6	73.4	54.1	57.9	29.5B	21.5B
21	27.0B	21.2B	16.8B	27.0B	460 E	128	91.4	70.9	52.6	56.1	29.0B	21.3B
22	26.8B	21.0B	16.6B	30.5B	450 E	127	90.3	70.2	53.8	57.2	28.5B	21.2B
23	26.4B	20.8B	16.4B	33.0B	422 E	126	89.0	67.4	52.9	57.9	28.2B	21.0B
24	26.2B	20.6B	16.3B	37.0B	394 E	125	90.5	64.7	52.2	56.7	27.8B	20.8B
25	26.0B	20.4B	16.2B	41.0B	369 E	124	92.7	62.9	51.2	58.0	27.4B	20.7B
26	25.9B	20.3B	16.1B	46.0B	360 E	123	95.4	61.3	50.8	57.1	27.0B	20.5B
27	25.6B	20.1B	16.0B	53.5B	322 E	122	99.5	59.4	51.7	47.5	26.9B	20.3B
28	25.4B	20.0B	15.9B	61.0B	299 E	123	103	59.0	51.2	41.4	26.4B	20.2B
29	25.2B		15.8B	68.0B	275 E	120	112	58.1	48.9	44.0	26.1B	20.1B
30	25.1B		15.8B	77.0B	256 E	121	116	56.2	48.2	46.8	25.9B	20.0B
31	24.9B		15.6B		242 E		119	57.3		48.6		19.9B
TOTAL	869.6	623.1	542.5	792.8	10 305.0	4 337	3 348.2	2 578.1	1 542.6	1 756.2	999.7	694.1
MEAN	28.1	22.3	17.5	26.4	332	145	108	83.2	51.4	56.7	33.3	22.4
MAX	31.3	24.7	19.8	77.0	528	226	123	118	56.5	65.7	47.8	25.6
MIN	24.9	20.0	15.6	13.8	86.0	120	89.0	56.2	47.0	41.4	25.9	19.9

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.8
MAXIMUM DAILY, 528E ON MAY 17
MINIMUM DAILY, 13.8B ON APR 15

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 54 N
LONG 61 25 45 W
DRAINAGE AREA, 4 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75 100	JUL	289 000
FEB	53 800	AUG	223 000
MAR	46 900	SEP	133 000
APR	68 500	OCT	152 000
MAY	890 000	NOV	86 400
JUN	375 000	DEC	60 000

TOTAL DISCHARGE, 2 450 000 dam³

NORTH BROOK NEAR RED BAY - STATION NO. 02XD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	---	---	---	---	1.50	0.457	0.455	0.402	0.450	---	---
2	---	---	---	---	---	2.09	0.409	0.460	0.528	0.534	---	---
3	---	---	---	---	---	2.40	0.362	0.451	0.838	0.482	---	---
4	---	---	---	---	---	2.74	0.350	0.436	0.878	0.431	---	---
5	---	---	---	---	2.87	3.84	0.389	0.456	0.822	0.753	---	---
6	---	---	---	---	2.16	2.76	0.329	0.433	0.780	1.85	---	---
7	---	---	---	---	1.69	2.07	0.304	0.390	0.721	1.65	---	---
8	---	---	---	---	1.86	1.86	0.283	0.353	0.706	1.30	---	---
9	---	---	---	---	1.74	3.32	0.308	0.343	0.622	1.15	---	---
10	---	---	---	---	1.76	3.20	0.611	0.336	0.568	1.11	---	---
11	---	---	---	---	1.71	2.5	0.530	0.342	0.522	0.941	---	---
12	---	---	---	---	1.67	2.63	0.504	0.351	0.467	0.830	---	---
13	---	---	---	---	2.35	2.07	0.478	0.388	1.12	0.710	---	---
14	---	--	---	---	3.84	1.76	0.426	0.353	1.68	0.843	---	---
15	---	---	---	---	5.70	1.62	0.389	0.329	1.31	0.796	---	---
16	---	---	---	---	6.12	1.49	0.376	0.314	1.01	0.955	---	---
17	---	---	---	---	4.62	4.31	0.355	0.304	0.830	0.882	---	---
18	---	---	---	---	5.42	7.03	0.321	0.272	0.724	0.791	---	---
19	---	---	---	---	5.70	3.88	0.286	0.251	0.837	0.680	---	---
20	---	---	---	---	4.06	2.31	0.282	0.252	0.586	0.598	---	---
21	---	---	---	---	2.86	1.73	0.280	0.238	0.530	0.550	---	---
22	---	---	---	---	2.73	1.38	0.287	0.236	0.526	0.548	---	---
23	---	---	---	---	2.57	1.12	0.281	0.219	0.844	0.577	---	---
24	---	---	---	---	2.15	0.985	0.288	0.207	0.844	0.517	---	---
25	---	---	---	---	1.80	0.866	0.468	0.202	0.576	---	---	---
26	---	---	---	---	1.57	0.753	0.685	0.320	0.527	---	---	---
27	---	---	---	---	1.61	0.634	0.707	0.391	0.478	---	---	---
28	---	---	---	---	1.50	0.560	0.628	0.501	0.435	---	---	---
29	---		---	---	1.39	0.510	0.562	0.492	0.386	---	---	---
30	---		---	---	1.19	0.489	0.531	0.405	0.363	---	---	---
31	---		---		1.36		0.502	0.447		---		---
TOTAL	---	---	---	---	---	63.878	12.838	10.933	20.860	---	---	---
MEAN	---	---	---	---	---	2.13	0.414	0.353	0.695	---	---	---
MAX	---	---	---	---	---	7.03	0.707	0.501	1.68	---	---	---
MIN	---	---	---	---	---	0.488	0.280	0.202	0.363	---	---	---

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.202 ON AUG 25

SUMMARY FOR THE MONTHS JUN TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 46 27 N
LONG 56 27 05 W
DRAINAGE AREA, 35.6 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 110
FEB	---	AUG	945
MAR	---	SEP	1 800
APR	---	OCT	---
MAY	---	NOV	---
JUN	5 520	DEC	---

REMARKS - PUBLISHED UNDER THE NAME "NORTHERN BROOK NEAR RED BAY" TO 1985.

NORTHEAST BROOK NEAR RODDICKTON - STATION NO 02YD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.78 B	3.15 B	0.850B	0.920B	25.9	3.82	1.15	0.370	0.298	0.399	1.19	0.765B	1
2	1.68 B	2.98 B	0.820B	1.70 B	24.3	3.80	0.979	0.370	0.295	0.424	1.26	0.730B	2
3	1.58 B	2.79 B	0.790B	3.50 B	22.7	4.67	0.870	0.380	0.231	0.429	1.36	0.701B	3
4	1.49 B	2.60 B	0.760B	7.00 B	22.1	7.59	0.788	0.410	0.246	0.466	1.40	0.680B	4
5	1.41 B	2.49 B	0.740B	14.0 B	21.4	11.8	0.799	0.415	0.237	0.556	1.51	0.650B	5
6	1.33 B	2.34 B	0.701B	13.5 B	19.9	14.2	0.737	0.451	0.230	0.810	1.56	0.625B	6
7	1.27 B	2.20 B	0.690B	12.5 B	17.5	14.6	0.684	0.434	0.231	1.03	1.58	0.600B	7
8	1.20 B	2.10 B	0.670B	11.0 B	15.8	13.7	0.620	0.445	0.251	1.56	1.58	0.579B	8
9	1.14 B	1.99 B	0.650B	10.0 B	14.4	13.2	0.599	0.428	0.249	2.29	1.60	0.560B	9
10	1.09 B	1.89 B	0.630B	9.25 B	13.1	12.2	0.651	0.400	0.254	2.79	1.64 B	0.540B	10
11	1.03 B	1.79 B	0.610B	15.0 B	11.5	11.7	0.635	0.350	0.268	2.85	1.69 B	0.520B	11
12	1.00 B	1.70 B	0.590B	23.0 B	10.3	11.9	0.604	0.349	0.279	2.65	1.70 B	0.500B	12
13	1.21 B	1.62 B	0.575B	36.0 B	9.43	11.4	0.558	0.354	0.265	2.59	1.65 B	0.480B	13
14	1.68 B	1.55 B	0.560B	49.0	9.14	10.5	0.504	0.373	0.269	2.39	1.60 B	0.466B	14
15	1.55 B	1.48 B	0.545B	48.7	9.45	9.58	0.467	0.381	0.272	2.42	1.53 B	0.450B	15
16	1.45 B	1.41 B	0.530B	47.3	10.5	8.41	0.483	0.373	0.300	2.45	1.48 B	0.438B	16
17	1.37 B	1.34 B	0.519B	45.4	11.7	7.44	0.453	0.358	0.309	2.35	1.40 B	0.420B	17
18	1.28 B	1.29 B	0.503B	43.1	12.1	6.65	0.428	0.337	0.295	2.21	1.33 B	0.410B	18
19	1.21 B	1.23 B	0.495B	36.1	12.1	5.66	0.428	0.320	0.318	2.01	1.28 B	0.395B	19
20	1.14 B	1.19 B	0.590B	31.6	11.6	4.84	0.398	0.282	0.287	1.83	1.22 B	0.381B	20
21	1.09 B	1.13 B	0.735B	25.5	10.6	4.24	0.396	0.287	0.267	1.70	1.18 B	0.370B	21
22	1.03 B	1.10 B	0.700B	24.3	9.59	3.68	0.364	0.287	0.265	1.57	1.11 B	0.358B	22
23	0.980B	1.04 B	0.670B	25.0	8.83	3.18	0.342	0.289	0.304	1.49	1.07 B	0.346B	23
24	0.938B	1.00 B	0.645B	28.2	7.98	2.78	0.321	0.281	0.314	1.45	1.02 B	0.335B	24
25	0.890B	0.960B	0.620B	31.2	7.07	2.48	0.269	0.281	0.309	1.37	0.980B	0.325B	25
26	0.859B	0.930B	0.595B	32.1	6.21	2.14	0.272	0.216	0.298	1.18	0.940B	0.312B	26
27	0.820B	0.899B	0.580B	32.9	5.45	1.90	0.268	0.211	0.373	1.12 B	0.900B	0.321B	27
28	1.45 B	0.870B	0.559B	32.3	4.87	1.63	0.251	0.234	0.369	1.03	0.865B	0.345B	28
29	2.10 B		0.535B	31.1	4.54	1.44	0.278	0.250	0.358	0.951	0.830B	0.341B	29
30	3.08 B		0.510B	28.5	4.27	1.28	0.291	0.268	0.364	1.00	0.800B	0.335B	30
31	3.30 B		0.500B		4.02		0.333	0.283		1.21		0.327B	31
TOTAL	43.427	47.059	19.467	751.670	378.45	212.21	16.230	10.475	8.609	48.575	39.255	14.605	TOTAL
MEAN	1.40	1.68	0.628	25.1	12.2	7.07	0.524	0.338	0.287	1.57	1.31	0.471	MEAN
MAX	3.30	3.15	0.850	49.0	25.9	14.6	1.15	0.451	0.373	2.85	1.70	0.765	MAX
MIN	0.820	0.870	0.495	0.920	4.02	1.28	0.251	0.211	0.230	0.399	0.800	0.312	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.36
MAXIMUM DAILY, 49.0 ON APR 14
MINIMUM DAILY, 0.211 ON AUG 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 44 N
LONG 56 06 44 W
DRAINAGE AREA, 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 750	JUL	1 400
FEB	4 070	AUG	905
MAR	1 680	SEP	744
APR	64 900	OCT	4 200
MAY	32 700	NOV	3 390
JUN	18 300	DEC	1 260

TOTAL DISCHARGE, 137 000 dam³

NORTHEAST POND RIVER AT NORTHEAST POND - STATION NO 02ZM006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.066	0.125	0.540	0.535	0.044E	0.016	0.061	0.041	0.010	0.064	0.083	0.180	1
2	0.317	0.073	0.365	0.413	0.043E	0.015	0.043	0.095	0.010	0.059	0.062	0.135	2
3	0.206	0.050	0.391	0.993	0.042E	0.017	0.037	0.145	0.010	0.049	0.062	0.097	3
4	0.128	0.040	0.312	0.554	0.041E	0.022	0.044	0.075	0.013	0.039	0.064	0.116	4
5	0.107	0.032	0.177	0.246	0.060E	0.020	0.040	0.076	0.019	0.138	0.164	0.284	5
6	0.081	0.033	0.158	0.156	0.110E	0.022	0.033	0.065	0.023	0.385	0.154	0.191	6
7	0.063	0.028B	0.162	0.096	0.178E	0.023	0.027	0.042	0.028	0.200	0.107	0.116	7
8	0.050	0.025B	0.108	0.070	0.300E	0.021	0.042	0.030	0.026	0.113	0.111	0.075	8
9	0.046B	0.023B	0.069	0.063	0.245E	2.04	0.101	0.023	0.027	0.065	0.086	0.045	9
10	0.039B	0.022B	0.049	0.062	0.200E	0.593	0.073	0.090	0.028	0.058	0.493	0.034	10
11	0.034B	0.020B	0.040	2.17	0.162E	0.212	0.045	0.122	0.023	0.075	0.279	0.028B	11
12	0.030B	0.019B	0.148	1.58	0.128E	0.137	0.033	0.074	0.020	0.060	0.144	0.024B	12
13	0.027B	0.018B	0.226	0.439	0.105E	0.085	0.030	0.050	0.018	0.047	0.090	0.022B	13
14	0.025B	0.017B	0.166	0.370	0.084E	0.054	0.025	0.034	0.017	0.040	0.136	0.020B	14
15	0.104	0.016B	0.128	0.344	0.058A	0.050	0.020	0.025	0.017	0.036	0.164	0.019B	15
16	0.099	0.084	0.085	0.332	0.052	0.045	0.020	0.020	0.015	0.035	0.080	0.017B	16
17	0.059	0.179	0.061	0.913	0.040	0.036	0.020	0.017	0.022	0.030	0.135	0.016B	17
18	0.047	0.207	0.061	0.324	0.033	0.049	0.019	0.014	0.049	0.323	0.108	0.015B	18
19	0.058	0.166	0.035	0.172	0.029	0.045	0.017	0.012	0.048	0.411	0.120	0.015B	19
20	0.079	0.129	0.086	0.107	0.025	0.033	0.021	0.012	0.039	0.218	0.131	0.024B	20
21	1.34	0.055	0.347	0.077	0.034	0.025	0.046	0.011	0.031	0.131	0.126	0.278	21
22	0.550	0.043	0.245	0.077	0.063	0.021	0.051	0.009	0.034	0.081	0.456	0.303	22
23	0.240	0.037	0.115	0.089	0.055	0.018	0.039	0.009	0.037	0.061	0.539	0.157	23
24	0.138	0.039	0.087	0.091	0.056	0.017	0.028	0.009	0.035	0.090	0.272	0.082	24
25	0.073	0.038	0.146	0.079	0.043	0.016	0.020	0.009	0.033	0.130	0.609	0.053	25
26	0.043	0.067	0.105	0.063	0.031	0.015	0.016	0.010	0.028	0.100	0.414	0.045	26
27	0.038	0.213	0.085	0.054	0.025	0.013	0.014	0.009	0.122	0.062	0.227	0.052	27
28	0.267	0.349	0.382	0.048	0.022	0.012	0.011	0.010	0.473	0.289	0.327	0.059	28
29	0.842		0.520	0.046A	0.023	0.041	0.012	0.011	0.208	0.310	0.230	0.049	29
30	0.322		0.302	0.045E	0.020	0.088	0.034	0.011	0.102	0.170	0.177	0.038	30
31	0.190		0.417		0.017		0.042	0.011		0.119		0.031	31
TOTAL	5.708	2.147	6.088	10.608	2.358	3.801	1.064	1.171	1.565	3.983	6.050	2.620	TOTAL
MEAN	0.184	0.077	0.197	0.354	0.076	0.127	0.034	0.038	0.052	0.128	0.202	0.085	MEAN
MAX	1.34	0.349	0.540	2.17	0.300	2.04	0.101	0.145	0.473	0.411	0.609	0.303	MAX
MIN	0.025	0.016	0.035	0.045	0.017	0.012	0.011	0.009	0.010	0.030	0.062	0.015	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.129
MAXIMUM DAILY, 2.17 ON APR 11
MINIMUM DAILY, 0.009 ON AUG 22
MAXIMUM INSTANTANEOUS,
5.33E AT 18:52 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 06 N
LONG 52 50 14 W
DRAINAGE AREA, 3.90 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	493	JUL	91.9
FEB	186	AUG	101
MAR	527	SEP	135
APR	917	OCT	344
MAY	204	NOV	523
JUN	328	DEC	226

TOTAL DISCHARGE, 4 080 dam³

NORTHEAST RIVER NEAR PLACENTIA - STATION NO. 02ZK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.22	9.27	16.0	11.6	2.56	0.834	4.05	1.80	0.837	3.23	3.85	7.55	1
2	13.3	6.99	13.4	10.7	2.42	0.856	2.93	2.49	0.745	3.03	3.57	6.44	2
3	8.95	6.03	20.6	19.1	2.22	5.58	3.01	2.50	0.634	2.72	3.43	5.43	3
4	8.03	5.11	11.0	13.3	1.98	5.31	2.99	2.03	0.601	2.50	3.08	5.57	4
5	7.22	4.53	8.61	9.09	1.84	3.21	2.41	2.31	0.610	5.34	3.61	6.20	5
6	6.10	3.70B	8.76	7.30	2.80	2.83	2.23	1.90	0.618	7.95	3.32	5.15	6
7	4.84	3.32B	7.77	5.90	5.39	2.18	1.99	1.54	0.603	5.46	3.34	4.18	7
8	4.19	2.95B	6.24	4.80	7.41	2.21	1.61	1.35	0.632	4.63	3.26	3.50B	8
9	3.42B	2.63B	5.03	4.54	6.10	31.3	1.44	1.23	0.781	3.68	3.32	3.02B	9
10	2.95B	2.42B	4.34	4.89	4.45	14.9	1.33	2.39	0.749	3.45	19.3	2.73B	10
11	2.64B	2.21B	4.20	86.7 E	3.83	11.1	1.15	2.25	0.660	3.00	8.44	2.44B	11
12	2.34B	2.02B	11.4	22.9	3.25	9.14	1.12	1.87	0.707	2.50	5.96	2.19B	12
13	2.19B	1.88B	6.67	16.4	2.72	7.27	1.15	1.58	0.762	2.54	4.98	2.02B	13
14	3.79	1.72B	5.21	13.8	2.19	5.91	1.06	1.27	1.04	2.34	4.09	1.83B	14
15	5.45	1.61B	4.49	11.5	1.96	4.92	1.03	1.05	0.899	2.35	3.39	1.72B	15
16	3.29	3.00B	4.18	10.7	1.72	4.04	0.959	0.959	0.772	2.40	4.15	1.58B	16
17	2.94	16.0 B	3.58	15.3	1.65	3.67	0.952	0.874	2.66	2.25	5.83	1.50B	17
18	2.65B	12.0 B	3.10	11.4	1.45	5.61	0.879	0.794	4.27	10.2	4.68	1.41B	18
19	3.20B	9.10	2.81	8.13	1.38	4.22	0.775	0.703	2.56	7.40	4.78	1.35B	19
20	4.30	4.76	8.76	6.76	1.46	3.20	3.72	0.714	1.93	5.30	4.64	2.00B	20
21	29.5	3.70	9.96	5.60	1.72	2.83	4.00	0.726	1.60	4.27	4.44	2.67	21
22	14.0	3.21B	5.99	5.05	1.62	2.57	3.07	0.602	1.37	3.66	15.5	2.51	22
23	8.93	2.98B	4.99	4.34	1.49	2.38	2.43	0.584	1.17	3.28	11.6	2.36	23
24	7.11	2.69B	5.73	3.98	1.45	2.24	1.87	0.574	1.09	5.57	8.02	2.17	24
25	5.70	2.58B	6.11	3.67	1.58	2.12	1.43	0.556	1.11	6.49	18.3	2.03	25
26	5.28	5.20B	4.79	3.38	1.41	1.84	1.21	0.589	0.964	4.23	12.3	1.94	26
27	4.75	8.50B	4.67	3.12	1.09	1.60	1.08	0.496	6.24	3.68	11.7	2.38	27
28	9.56	19.5 B	33.8	3.02	0.993	1.42	0.961	0.510	9.20	8.99	14.2	2.18	28
29	24.7		19.7	3.11	0.976	9.57	1.52	1.30	4.88	6.91	10.1	1.91B	29
30	12.0		11.3	2.92	0.883	5.78	2.69	1.32	3.68	5.26	8.73	1.70B	30
31	11.7		10.8		0.783		2.01	0.988		4.56		1.55B	31
TOTAL	230.05	149.61	273.99	333.00	72.585	160.420	59.056	39.959	54.574	138.17	215.91	91.21	TOTAL
MEAN	7.42	5.34	8.84	11.1	2.34	5.35	1.91	1.29	1.82	4.46	7.20	2.94	MEAN
MAX	29.5	19.5	33.8	86.7	7.41	31.3	4.05	2.50	9.20	10.2	19.3	7.55	MAX
MIN	2.19	1.61	2.81	2.92	0.783	0.834	0.775	0.496	0.601	2.25	3.08	1.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.98
MAXIMUM DAILY, 86.7E ON APR 11
MINIMUM DAILY, 0.496 ON AUG 27
MAXIMUM INSTANTANEOUS,
190E AT 09 33 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 16 26 N
LONG 53 50 27 W
DRAINAGE AREA, 89.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 900	JUL	5 100
FEB	12 900	AUG	3 450
MAR	23 700	SEP	4 720
APR	28 800	OCT	11 900
MAY	6 270	NOV	18 700
JUN	13 900	DEC	7 880

TOTAL DISCHARGE, 157 000 dam³

NORTHWEST BROOK AT NORTHWEST POND - STATION NO. 02ZN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.29	5.08	22.2 E	6.10E	2.03 E	1.19 E	2.90 E	3.41	2.08	2.24	3.05	4.91	1
2	8.29	4.89	11.9	4.55E	1.82 E	1.09 E	2.20 E	4.06	1.58	2.07	2.39	3.04	2
3	8.31	3.85	20.4	8.00E	1.68 E	1.01 E	2.62 E	4.31	1.27	1.91	2.06	2.73	3
4	4.97	2.87	13.1	13.6 A	1.52 E	1.21 E	2.10 A	3.41	1.06	1.71	1.80	3.61	4
5	4.09	2.32	5.73	7.06A	1.42 E	1.10 E	1.92	3.00	0.948	1.83	1.88	6.19	5
6	3.53	2.17	4.85	5.00E	1.40 E	0.980E	1.81	2.62	0.846	3.52	2.03	5.77	6
7	2.97	2.06	4.79	3.00E	1.51 E	0.910E	1.75	2.21	0.806	4.45	2.12	3.96	7
8	2.33	1.80	4.94	2.15E	1.74 E	1.05 E	1.79	1.79	0.750	3.54	2.10	1.68	8
9	1.98	1.50	3.18	1.75E	1.84 E	1.42 E	1.86	1.47	0.714	2.62	2.03	2.55	9
10	1.72	1.30	2.17	1.48E	1.41 E	1.80 E	1.73	1.45	0.714	2.30	4.08	2.25 B	10
11	1.56	1.12	1.76	5.05E	1.30 E	1.55 E	1.48	1.58	0.714	2.28	5.87	1.93 B	11
12	1.46	1.00	2.80	18.1 E	1.17 E	1.37 E	1.35	1.61	0.696	2.18	4.23	1.60 B	12
13	1.27	0.920B	4.20	9.90E	1.04 E	1.21 E	1.17	1.52	0.678	1.93	2.98	1.47 B	13
14	1.28	0.860B	3.01	6.30E	0.980E	1.09 E	1.05	1.28	0.696	1.59	2.74	1.29 B	14
15	2.12	0.805	2.18	5.35E	0.910E	0.980E	0.988	1.12	0.677	1.58	1.58	1.12 B	15
16	2.19	3.69	1.83	4.10E	0.873E	0.990E	0.912	1.00	0.682	1.90	1.98	1.07 B	16
17	1.47	11.3	1.56	7.25E	0.825E	0.710E	0.920	0.900	1.17	2.04	3.04	0.980B	17
18	1.83	7.39	1.36	5.75E	0.783E	3.85 E	0.879	0.843	3.53	2.99	3.60	0.900B	18
19	1.93	4.31	1.18	4.60E	0.755E	3.92 E	0.825	0.770	4.06	5.03	3.82	0.830	19
20	2.06	2.88	2.73	3.75E	0.725E	2.55 E	0.800	0.770	2.92	4.72	2.86	0.784	20
21	16.7	1.87	11.2	3.23E	0.860E	2.10 E	1.08	0.825	2.16	3.37	2.08	1.04	21
22	20.2	1.52	6.44	2.82E	1.08 E	1.78 E	1.47	0.792	1.67	2.61	14.3	1.41	22
23	8.76	1.31	3.25	2.51E	1.36 E	1.56 E	1.82	0.747	1.45	2.06	21.3 E	1.43	23
24	4.64	1.22	2.42	2.28E	1.75 E	1.42 E	1.84	0.723	1.40	1.83	10.3	1.28	24
25	3.01	1.10	3.25	2.05E	2.26 E	1.26 E	1.52	0.685	1.41	1.96	13.2	1.11	25
26	2.26	1.61	2.65	1.92E	2.68 E	1.13 E	1.27	0.686	1.37	1.94	12.7	0.931	26
27	2.32	4.04	2.52	2.12E	2.28 E	1.02 E	1.06	0.686	1.61	1.71	9.12	1.01	27
28	11.3	11.3	14.8 A	2.82E	1.91 E	0.940E	0.902	0.719	3.08	2.71	14.0	1.07	28
29	25.9 E		27.5 E	2.58E	1.64 E	1.90 E	0.917	1.09	3.80	5.44	9.51	1.02	29
30	15.6		12.0 E	2.31E	1.44 E	3.94 E	1.99	2.25	2.94	5.82	8.92	0.898	30
31	8.72		7.80E		1.32 E		2.83	2.51		4.21		0.726	31
TOTAL	177.06	86.885	209.70	147.38	44.031	46.940	47.853	50.836	47.421	85.97	168.47	60.589	TOTAL
MEAN	5.71	3.10	6.76	4.91	1.42	1.56	1.54	1.64	1.58	2.77	5.62	1.95	MEAN
MAX	25.9	11.3	27.5	18.1	2.68	3.94	2.90	4.31	4.04	5.82	21.3	6.19	MAX
MIN	1.27	0.805	1.18	1.48	0.725	0.710	0.825	0.685	0.677	1.56	1.58	0.726	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 27.5E ON MAR 29
MINIMUM DAILY, 0.677 ON SEP 15

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 08 N
LONG 53 18 11 W
DRAINAGE AREA, 53.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 300	JUL	4 130
FEB	7 510	AUG	4 390
MAR	18 100	SEP	4 100
APR	12 700	OCT	7 430
MAY	3 800	NOV	14 600
JUN	4 060	DEC	5 230

TOTAL DISCHARGE, 101 000 dam³

NEWFOUNDLAND AND LABRADOR

NORTHWEST GANDER RIVER NEAR GANDER LAKE - STATION NO. 02YO004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	56.0B	100 B	13.0 B	56.0B	60.3	13.5	26.6	12.8	9.76	31.9	43.6	31.0B	1
2	48.0B	70.0 B	19.0 B	60.0B	52.2	13.8	24.1	14.8	9.71	29.3	38.8	28.0B	2
3	40.0B	58.0 B	30.0 B	120 B	46.2	79.1	18.1	15.2	9.71	25.9	35.6	26.2B	3
4	34.0B	40.0 B	26.0 B	180 B	41.6	206	14.4	13.8	9.74	22.9	31.6	35.0B	4
5	28.5B	33.0 B	23.5 B	240 B	36.9	161	17.4	12.5	11.1	28.4	28.4	44.0B	5
6	25.0B	27.0 B	20.5 B	120 B	32.1	104	37.4	11.1	12.5	116	25.7	52.5B	6
7	20.0B	23.0 B	18.0 B	84.0B	31.8	67.9	33.5	10.0	12.8	132	23.6	35.0B	7
8	17.5B	20.0 B	16.2 B	64.0B	32.7	47.8	25.1	9.77	12.2	95.2	22.4	31.0B	8
9	15.3B	18.0 B	15.0 B	52.0B	32.1	39.6	20.6	9.80	12.0	68.1	20.0	27.5B	9
10	13.8B	16.2 B	13.9 B	39.0B	29.5	34.5	22.9	9.72	11.9	59.5	39.6	25.0B	10
11	12.0B	15.0 B	12.3 B	200 E	27.1	31.2	27.1	17.4	11.2	53.1	59.8	22.5B	11
12	10.8B	13.8 B	11.5 B	750 E	24.8	28.8	44.3	17.4	10.6	44.1	52.9	20.0B	12
13	10.0B	12.8 B	10.5 B	560 E	21.7	25.0	50.1	14.5	10.8	26.9	35.0B	18.8B	13
14	17.0B	11.8 B	10.0 B	590 E	18.2	21.2	40.9	12.2	15.5	21.7	28.0B	17.3B	14
15	30.0B	11.2 B	9.20B	700 E	17.3	18.6	31.3	10.4	21.5	31.6	23.5B	16.0B	15
16	78.0B	10.5 B	8.70B	778 E	15.5	16.2	35.1	9.69	19.9	36.8	20.5B	14.8B	16
17	70.0B	10.0 B	8.20B	781 E	14.2	14.5	45.4	9.84	36.2	39.5	18.3B	14.0B	17
18	60.0B	9.50B	7.70B	507 E	13.1	14.3	39.2	9.68	229	37.6	17.0B	13.2B	18
19	54.0B	9.00B	7.40B	282	12.6	14.5	30.6	9.77	220	38.6	15.5B	12.8B	19
20	44.0B	8.70B	11.0 B	182	12.8	14.0	28.0	9.67	142	42.4	14.8B	17.0B	20
21	52.0B	8.20B	30.0 B	136	16.0	13.2	41.6	9.71	90.9	53.4	13.8B	34.0B	21
22	70.0B	7.70B	52.0 B	118	18.3	12.1	37.5	9.78	65.2	54.5	13.2B	31.0B	22
23	100 B	7.30B	88.0 B	114	21.9	11.0	28.6	9.74	49.4	52.4	12.5B	28.5B	23
24	140 B	6.90B	70.0 B	112	27.7	10.3	23.4	9.76	39.1	95.1	12.2B	26.5B	24
25	250 B	6.60B	57.0 B	108	25.2	10.3	18.5	9.69	32.0	162	21.0B	25.0B	25
26	220 B	7.10B	44.0 B	99.0	21.3	10.1	15.6	9.62	26.8	127	32.0B	31.3B	26
27	175 B	8.00B	36.0 B	89.9	17.9	9.81	14.2	9.70	27.9	84.6	48.0B	26.5B	27
28	290 B	9.40B	26.5 B	81.7	15.8	9.63	12.7	9.67	39.3	69.2	67.0B	26.5B	28
29	250 B		28.5 B	76.1	13.8	9.49	11.3	9.72	43.1	64.6	50.0B	24.5B	29
30	180 B		34.0 B	69.3	13.3	10.8	11.9	9.86	37.4	57.6	40.0B	22.8B	30
31	130 B		42.0 B		13.5		12.7	10.2		50.8		21.5B	31
TOTAL	2 542.7	578.70	799.80	7 262.0	778.6	1 072.13	840.9	347.49	1 279.21	1 876.8	904.4	802.7	TOTAL
MEAN	82.0	20.7	25.8	242	25.1	35.7	27.1	11.2	42.6	60.5	30.1	25.9	MEAN
MAX	290	100	88.0	779	60.3	206	50.1	17.4	229	162	67.0	52.5	MAX
MIN	10.0	6.60	7.40	39.0	12.6	9.49	11.3	9.63	9.71	22.9	12.2	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.3
MAXIMUM DAILY, 779E ON APR 16
MINIMUM DAILY, 6.60B ON FEB 25
MAXIMUM INSTANTANEOUS,
822E AT 09:52 NST ON APR 16

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 07 N
LONG 55 04 52 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	220 000	JUL	72 700
FEB	50 000	AUG	30 000
MAR	69 100	SEP	111 000
APR	627 000	OCT	162 000
MAY	67 300	NOV	78 100
JUN	92 600	DEC	69 400

TOTAL DISCHARGE, 1 650 000 dam³

PETERS RIVER NEAR BOTWOOD - STATION NO. 02YO006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.28	[illegible]	1.90 B	3.47	6.52	0.909	0.454	1.22	0.941	4.04	2.32	3.82	1
2	1.87	9.59	2.70 B	7.00	5.40	0.933	0.473	1.95	0.847	3.61	1.93	2.32	2
3	1.60 B	6.95	3.50 B	12.9	4.73	2.18	0.487	2.58	0.795	3.25	1.87	2.06	3
4	1.80 B	3.78	2.85 B	17.4	4.17	9.30	0.495	2.17	0.889	2.68	1.95	2.39	4
5	1.49 B	2.60 B	2.20 B	18.3	3.63	14.3	0.603	1.77	1.21	2.48	2.07	2.08 B	5
6	1.39 B	3.00 B	1.88 B	14.9	3.03	10.3	0.896	1.41	1.30	7.03	1.69	1.75 B	6
7	1.31 B	2.60 B	1.63 B	10.2	2.92	6.05	1.64	1.11	1.34	12.4	1.49	1.52 B	7
8	1.25 B	2.30 B	1.48 B	6.23	2.90	3.82	1.74	0.932	1.24	11.0	1.52	1.38 B	8
9	1.17 B	2.10 B	1.32 B	4.40	2.92	2.84	1.58	0.870	0.955	7.04	1.43	1.28 B	9
10	1.12 B	1.90 B	1.24 B	4.00	2.73	2.37	1.96	1.47	0.844	4.73	2.55	1.19 B	10
11	1.08 B	1.70 B	1.12 B	9.29	2.58	2.27	2.94	3.06	0.814	3.32	1.79B	1.12 B	11
12	1.05 B	1.53 B	1.05 B	40.3	2.27	2.20	2.53	4.42	0.762	2.63	1.60B	1.08 B	12
13	1.00 B	1.41 B	1.00 B	44.5	1.95	2.08	3.07	3.72	0.739	2.17	1.50B	1.00 B	13
14	1.90 B	1.30 B	0.940B	33.1	1.71	1.77	2.92	2.71	0.880	1.85	1.35B	0.960B	14
15	3.10 B	1.20 B	0.850B	37.5	1.62	1.49	2.13	2.01	1.12	2.09	1.28B	0.920B	15
16	2.70 B	1.10 B	0.830B	60.3	1.45	1.28	2.13	1.48	1.11	3.86	1.22B	0.870B	16
17	2.20 B	1.00 B	0.790B	57.1	1.25	1.19	3.65	1.14	1.45	4.35	1.16B	0.840B	17
18	1.90 B	0.930B	0.900B	46.4	1.10	1.13	3.91	0.856	6.85	3.38	1.13B	0.805B	18
19	1.60 B	0.890B	1.00 B	26.2	0.928	0.884	2.83	0.786	13.0	2.95	1.40B	0.780B	19
20	1.40 B	0.840B	1.04 B	17.7	0.921	0.824	2.19	0.710	11.0	2.83	1.89	0.780B	20
21	1.27 B	0.790B	0.980B	13.2	1.49	0.768	2.18	0.672	6.80	2.84	2.00	1.40 B	21
22	1.50 B	0.760B	0.910B	12.2	2.19	0.724	2.40	0.718	4.30	2.70	7.59	3.00 B	22
23	1.30 B	0.720B	0.850B	12.6	2.30	0.655	2.18	0.688	3.16	2.32	7.83	2.40 B	23
24	1.20 B	0.690B	0.790B	13.3	2.21	0.621	1.69	0.643	2.51	3.22	5.38	2.00 B	24
25	1.11 B	0.650B	0.750B	13.5	1.86	0.604	1.24	0.603	2.01	7.18	1.98	1.73 B	25
26	1.04 B	0.850B	0.900B	12.6	1.66	0.583	0.917	0.816	1.62	6.13	2.54	1.55 B	26
27	0.880B	1.05 B	1.10 B	10.9	1.37	0.533	0.988	0.842	2.00	5.66	3.08	1.50 B	27
28	2.08	1.30 B	1.00 B	9.57	1.11	0.494	0.887	0.693	5.27	4.10	3.72	2.20 B	28
29	5.85		0.920B	8.71	0.896	0.462	0.908	0.714	7.00	3.34	4.64	2.00 B	29
30	8.42		0.953	7.85	0.949	0.472	0.889	0.844	5.48	2.86	4.56	1.80 B	30
31	10.4		1.47		0.880		0.904	0.844		2.64		1.80 B	31
TOTAL	69.460	65.340	40.683	575.62	71.834	74.004	53.441	44.045	88.206	132.76	76.37	50.075	TOTAL
MEAN	2.24	2.33	1.31	19.2	2.32	2.47	1.72	1.42	2.94	4.28	2.55	1.62	MEAN
MAX	10.4	10.8	3.50	57.1	6.52	14.3	3.91	4.42	13.0	12.4	7.83	3.82	MAX
MIN	0.880	0.650	0.750	3.47	0.880	0.462	0.454	0.603	0.739	1.85	1.13	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.68
MAXIMUM DAILY, 57.1 ON APR 17
MINIMUM DAILY, 0.454 ON JUL 1
MAXIMUM INSTANTANEOUS,
58.1 AT 20:30 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 21 N
LONG 55 24 38 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 000	JUL	4 620
FEB	5 650	AUG	3 810
MAR	3 520	SEP	7 620
APR	49 700	OCT	11 500
MAY	6 210	NOV	6 600
JUN	6 390	DEC	4 330

TOTAL DISCHARGE, 116 000 dam³

NEWFOUNDLAND AND LABRADOR

PETTY HARBOUR RIVER AT SECOND POND - STATION NO. 02ZM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	8.92	11.1	15.1	8.35	3.82	0	3.74	0	7.11	3.57	9.85	1
2	8.72	8.92	16.5	15.1	8.67	3.82	0	4.78	1.19	6.06	3.57	8.01	2
3	8.92	8.82	19.7	18.1	8.67	3.57	3.31	7.39	1.41	2.31	4.39	7.39	3
4	8.92	8.86	23.8	27.6	8.57	1.56	3.23	6.20	1.04	3.57	3.57	7.39	4
5	8.83	8.55	13.5	16.1	8.67	0.988	3.82	4.62	0.892	4.30	3.57	7.39	5
6	8.67	5.24	11.1	9.46	8.67	0.745	2.58	3.57	0	7.11	3.57	7.39	6
7	7.19	5.24	10.2	8.92	9.74	0.745	1.43	2.21	0	7.14	3.57	7.39	7
8	3.48	6.68	8.92	8.81	8.92	0.371	3.43	1.93	0.934	6.91	3.57	7.39	8
9	3.11	2.15	8.92	7.99	8.92	4.42	3.43	2.55	1.34	7.14	3.57	7.39	9
10	3.57	5.15	8.92	8.61	8.92	0.637	3.79	4.05	0	7.22	4.53	7.31	10
11	2.66	3.28	8.92	8.83	8.92	4.76	2.38	0	1.15	6.14	3.57	7.14	11
12	2.92	3.20	8.92	74.8	8.89	3.65	1.08	2.55	3.57	3.37	5.58	5.66	12
13	3.40	3.31	7.45	32.3	10.5	3.65	0.821	1.19	3.57	3.57	5.95	3.57	13
14	5.94	3.51	5.92	16.5	8.67	3.65	0	0	1.59	3.57	4.47	3.57	14
15	6.08	5.18	8.67	13.5	9.15	3.82	1.58	1.52	0	4.53	3.57	5.01	15
16	3.48	8.67	6.12	12.3	8.83	1.43	1.19	1.49	0	3.57	4.16	4.62	16
17	3.54	8.67	5.80	13.6	8.27	2.15	1.19	0	3.54	3.87	4.79	3.57	17
18	4.50	8.67	7.11	18.1	8.30	3.62	0	0	3.57	6.00	4.62	3.51	18
19	7.65	8.92	8.67	12.3	0	2.08	0	0.575	3.48	7.14	4.67	3.57	19
20	6.65	8.92	8.67	8.92	2.71	2.46	2.55	2.42	1.64	5.80	7.39	3.57	20
21	8.67	8.92	8.50	8.92	3.82	4.64	3.57	0.159	1.34	5.80	6.71	6.51	21
22	8.75	8.83	8.67	8.92	3.88	5.86	3.57	1.12	2.23	7.11	7.14	5.55	22
23	19.7	8.58	8.67	8.92	4.84	0	3.57	0.892	0	4.90	7.14	3.57	23
24	11.1	5.52	8.67	8.92	3.82	3.82	3.43	0	0.541	6.00	4.76	3.57	24
25	8.92	4.36	8.67	8.92	3.57	2.21	1.27	1.26	0.223	3.71	3.57	3.57	25
26	8.92	7.36	8.67	8.75	3.82	0	0	1.19	1.34	3.57	20.1	5.21	26
27	8.92	8.67	8.30	8.07	3.82	1.32	0	0	5.35	3.57	13.6	7.14	27
28	8.92	8.63	3.71	8.67	3.31	3.82	1.34	2.46	7.14	6.46	13.6	3.51	28
29	8.92		8.83	8.55	4.22	6.43	2.55	3.82	6.20	5.80	13.0	1.38	29
30	21.7		11.1	8.89	2.97	0	3.74	1.04	7.22	6.31	9.54	3.03	30
31	13.5		15.1		3.82		0	3.06		4.90		3.57	31
TOTAL	237.43	192.01	307.80	433.37	204.33	80.046	58.801	65.795	60.600	164.26	185.41	167.30	TOTAL
MEAN	7.66	6.86	9.93	14.4	6.59	2.67	1.90	2.12	2.02	5.30	6.18	5.40	MEAN
MAX	21.7	8.92	23.8	74.8	10.5	6.43	3.82	7.39	7.22	7.22	20.1	9.85	MAX
MIN	0	2.15	3.71	7.99	0	0	0	0	0	2.31	3.57	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.91
MAXIMUM DAILY, 74.8 ON APR 12
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 27 27 N
LONG 52 43 47 W
DRAINAGE AREA, 134 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 500	JUL	5 080
FEB	16 600	AUG	5 680
MAR	26 600	SEP	5 230
APR	37 400	OCT	14 200
MAY	17 700	NOV	16 000
JUN	6 920	DEC	14 500

TOTAL DISCHARGE, 186 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

PIERRES BROOK AT GULL POND - STATION NO. 02ZM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.43	6.37	6.37	6.46	6.37	5.47	4.50	1.38	0	0	5.95	6.26	1
2	6.43	6.37	6.37	6.48	6.37	5.38	4.67	0	2.97	0	5.95	6.65	2
3	6.43	6.43	6.43	6.48	6.37	5.41	4.67	0	4.73	2.13	5.32	6.38	3
4	6.12	6.43	6.43	6.48	6.43	5.27	4.70	0	4.67	4.53	4.55	6.60	4
5	6.43	6.40	6.43	6.48	6.40	4.93	4.67	2.94	4.67	4.16	5.44	6.65	5
6	6.43	6.37	6.37	6.48	6.40	4.96	4.67	3.14	4.67	4.87	5.95	0	6
7	6.20	6.37	6.37	6.48	4.84	4.90	4.82	3.17	4.67	5.32	5.95	0	7
8	5.97	6.37	6.37	6.48	5.61	4.93	2.39	3.03	4.64	5.27	5.97	0	8
9	5.86	6.37	6.37	6.48	6.40	5.35	4.13	0	4.50	5.32	5.95	0	9
10	6.43	6.37	6.37	6.48	6.37	5.83	2.76	0	4.50	5.30	5.47	0	10
11	6.43	6.37	6.37	6.48	6.37	5.89	0.595	3.17	4.56	5.38	5.95	6.65	11
12	6.43	6.37	6.37	6.34	6.37	5.49	0	5.15	4.56	5.27	5.95	6.37	12
13	6.43	6.37	6.37	6.48	6.37	4.64	0.561	3.28	4.56	5.30	5.95	4.90	13
14	6.43	6.37	6.37	6.48	6.46	4.70	0	5.10	1.89	5.30	5.80	3.57	14
15	6.43	6.37	6.37	6.48	5.64	4.70	0	4.98	2.12	5.30	6.29	5.18	15
16	6.43	6.37	6.37	6.48	5.83	4.82	0.827	4.70	4.05	5.27	6.29	5.10	16
17	6.43	6.37	6.37	6.48	5.21	4.64	0	4.67	4.30	5.32	6.29	5.15	17
18	6.43	6.37	6.37	6.48	5.41	4.67	0.595	4.64	4.59	5.35	6.29	5.10	18
19	6.43	6.37	6.37	6.48	5.52	4.70	0	4.81	4.67	5.41	6.29	5.04	19
20	6.43	6.37	6.37	6.48	6.51	4.67	0	4.96	4.70	5.41	6.46	4.96	20
21	6.43	6.37	6.34	6.48	6.54	4.70	0.585	4.96	4.70	5.41	6.46	5.13	21
22	6.43	6.37	6.37	6.48	6.54	4.70	1.06	3.03	0	5.35	6.46	5.07	22
23	6.43	6.37	6.37	6.48	6.54	4.87	0	0	0	5.38	6.23	4.55	23
24	6.43	6.37	6.37	6.48	6.51	4.62	1.01	0	0	5.32	4.70	4.98	24
25	6.43	6.37	6.37	6.48	6.51	4.87	1.03	3.06	0	5.64	6.20	4.98	25
26	6.43	6.37	6.37	6.48	2.17	4.56	0	4.73	0	5.44	6.46	4.98	26
27	6.43	6.37	6.37	6.23	0	4.13	0	4.84	0	5.38	6.05	5.01	27
28	6.43	6.37	6.37	6.46	2.55	4.25	0	4.90	0	5.64	6.46	5.41	28
29	6.43		6.37	6.46	5.52	4.16	1.71	3.14	0	5.82	6.46	4.98	29
30	6.43		6.37	6.34	5.47	4.36	1.67	0	0	5.97	6.46	5.07	30
31	6.43		6.37		5.47		0	0		5.97		5.10	31
TOTAL	197.76	178.51	197.62	193.81	175.07	146.17	51.424	87.78	84.72	151.63	180.02	138.78	TOTAL
MEAN	6.38	6.38	6.37	6.46	5.65	4.87	1.66	2.83	2.82	4.89	6.00	4.48	MEAN
MAX	6.43	6.43	6.43	6.48	6.54	5.89	4.70	5.15	4.73	5.97	6.46	6.65	MAX
MIN	5.86	6.37	6.34	6.23	0	4.13	0	0	0	0	4.55	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.69
MAXIMUM DAILY, 6.65 ON DEC 2
MINIMUM DAILY, 0 ON MAY 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 17 50 N
LONG 52 51 00 W
DRAINAGE AREA, 117 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 100	JUL	4 440
FEB	15 400	AUG	7 580
MAR	17 100	SEP	7 320
APR	16 700	OCT	13 100
MAY	15 100	NOV	15 600
JUN	12 600	DEC	12 000

TOTAL DISCHARGE, 184 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

PINCH GUT BROOK AT OUTLET OF PINCH GUT LAKE - STATION NO. 02YJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.80E	14.0	1.28	2.08	7.98	1.24	1.20	0.639	1.18	1.85	1.55	4.34	1
2	8.80E	10.4	1.24	2.76	6.95	1.61	1.16	0.629	1.12	1.87	1.60	3.86	2
3	7.40E	8.10	1.22	4.01	6.21	4.41	1.11	0.619	1.10	1.76	1.86	3.45	3
4	6.20E	6.71	1.20	4.75	5.57	7.61	1.14	0.606	1.04	1.70	2.02	3.44	4
5	4.80E	5.60	1.15	4.40	4.91	8.70	1.31	0.562	1.00	1.84	2.02	3.76	5
6	3.70E	4.86	1.12	3.86	4.26	7.63	1.62	0.516	0.988	2.74	1.97	3.84	6
7	3.10E	4.30	1.14	3.33	3.77	6.28	1.66	0.494	0.912	2.92	1.94	3.54	7
8	2.60E	3.86	1.04	2.92	3.31	5.34	1.60	0.516	0.859	2.74	1.37	3.35	8
9	2.29E	3.42	1.04	2.60	2.94	5.14	1.53	0.574	0.810	2.57	1.80	3.12	9
10	1.95E	3.10	1.01	2.54	2.65	5.77	1.41	0.810	0.769	2.49	2.87	2.94	10
11	1.75E	2.82	0.946	5.40	2.38	6.29	1.35	1.23	0.716	2.38	3.70	2.82	11
12	1.50E	2.60	0.986	9.64	2.15	6.14	1.34	1.42	0.719	2.19	3.55	2.69	12
13	1.79A	2.43	0.956	15.1	1.97	5.29	1.27	1.50	0.731	2.04	3.27	2.56	13
14	2.23	2.23	0.919	18.9	1.83	4.41	1.22	1.51	0.814	1.89	2.90	2.47	14
15	4.81	2.04	0.864	22.8	1.73	3.80	1.17	1.44	0.858	1.93	2.65	2.43	15
16	6.56	1.89	0.860	26.1	1.63	3.41	1.22	1.35	0.899	2.18	2.57	2.35	16
17	6.34	1.77	0.845	30.7	1.56	3.04	1.30	1.27	1.04	2.22	2.42	2.21	17
18	5.65	1.71	0.790	26.9	1.43	2.81	1.26	1.17	1.24	2.08	2.28	2.08	18
19	4.97	1.65	0.800	20.2	1.33	2.62	1.18	1.08	1.31	1.98	2.13	1.96	19
20	4.86	1.51	0.934	15.4	1.39	2.33	1.13	1.10	1.30	1.86	2.00	1.86	20
21	10.7	1.44	1.26	12.6	1.56	2.08	1.04	1.11	1.24	1.73	1.92	1.80	21
22	14.0	1.39	1.49	13.6	1.64	1.87	0.986	1.04	1.15	1.62	1.88	1.72	22
23	11.9	1.28	1.63	16.9	1.88	1.73	0.935	0.973	1.10	1.60	1.77	1.66	23
24	9.44	1.26	1.76	18.4	1.96	1.62	0.841	0.900	1.07	1.77	1.74	1.57	24
25	7.54	1.22	1.70	18.7	1.91	1.54	0.792	0.860	1.03	1.83	2.61	1.50	25
26	6.24	1.25	1.63	17.9	1.76	1.45	0.779	0.854	1.01	1.89	3.56	1.48	26
27	5.45	1.27	1.57	16.3	1.61	1.33	0.762	0.973	1.38	1.84	3.89	1.75	27
28	13.7	1.34	1.56	13.7	1.47	1.28	0.732	1.08	1.95	1.79	4.94	1.97	28
29	32.3		1.49	11.7	1.33	1.25	0.670	1.18	2.00	1.72	5.03	2.00	29
30	26.2		1.52	9.72	1.28	1.22	0.683	1.21	1.91	1.64	4.75	2.00	30
31	19.0		1.58		1.27		0.664	1.18		1.62		1.93	31
TOTAL	244.57	95.45	37.530	373.91	83.62	109.24	35.034	30.395	33.245	62.28	79.06	78.45	TOTAL
MEAN	7.89	3.41	1.21	12.5	2.70	3.64	1.13	0.980	1.11	2.01	2.64	2.53	MEAN
MAX	32.3	14.0	1.76	30.7	7.98	8.70	1.66	1.51	2.00	2.92	5.03	4.34	MAX
MIN	1.50	1.22	0.790	2.08	1.27	1.22	0.683	0.494	0.716	1.60	1.55	1.48	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.46
MAXIMUM DAILY, 32.3 ON JAN 29
MINIMUM DAILY, 0.494 ON AUG 7
MAXIMUM INSTANTANEOUS,
34.5 AT 10:47 NST ON JAN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 21 N
LONG 58 00 56 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 100	JUL	3 030
FEB	8 250	AUG	2 630
MAR	3 240	SEP	2 870
APR	32 300	OCT	5 380
MAY	7 220	NOV	6 830
JUN	9 440	DEC	6 780

TOTAL DISCHARGE, 109 000 dam^3

PIPERS HOLE RIVER AT MOTHERS BROOK - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.8	80.0	46.4	56.1	28.1	6.38	10.5	5.34	2.66	12.5	23.2	34.6 B	1
2	38.3	61.1	46.3	62.6	26.1	6.12	10.7	10.1	2.41	12.1	20.7	31.5 B	2
3	35.0	48.9	43.1	80.3	24.5	17.2	9.14	14.9	2.22	10.6	19.1	28.7 B	3
4	26.9	38.1	38.5	72.7	22.7	30.1	8.47	11.4	2.18	9.52	17.4	26.8 B	4
5	26.0	30.0 B	34.2	60.8	20.7	23.2	8.08	9.81	2.08	20.1	17.1	30.3 B	5
6	25.3	24.2 B	30.5	49.8	20.7	21.0	7.60	8.44	2.15	35.0	14.0	25.1 B	6
7	23.7	20.5 B	26.5B	40.9	24.3	19.0	7.00	7.38	2.30	27.1	15.7	21.4 B	7
8	21.2	17.0 B	23.8B	34.3	25.8	17.3	6.40	6.40	2.87	23.2	14.7	18.9 B	8
9	19.6B	15.8 B	21.3B	31.6	23.9	47.2	5.94	5.47	4.75	20.5	13.8	17.2 B	9
10	18.2B	13.8 B	19.4B	37.1	22.4	45.0	5.70	6.02	4.26	20.2	46.5	15.5 B	10
11	17.3B	12.4 B	17.8B	280 A	19.9	36.2	5.22	5.94	3.83	19.3	39.1	14.2 B	11
12	16.4B	11.3 B	16.2B	228 E	17.8	31.7	6.62	5.40	3.37	17.2	28.3	13.2 B	12
13	15.6B	10.5 B	14.9B	194 E	16.1	27.5	7.30	4.82	3.26	15.3	24.4	12.3 B	13
14	17.1B	9.30B	13.8B	158 A	14.6	24.0	6.82	4.28	4.10	13.6	20.9	11.3 B	14
15	19.6B	9.00B	12.8B	139	13.3	21.4	6.21	3.89	3.82	13.2	9.54	10.8 B	15
16	18.4B	8.50B	12.1B	130	11.9	18.5	5.74	3.59	3.39	13.5	16.7	10.1 B	16
17	16.8B	8.10B	11.2B	172	10.7	16.1	5.76	3.38	10.7	12.4	19.3	9.75B	17
18	15.8B	7.60B	10.4B	142	9.73	16.3	5.37	3.17	22.4	28.3	19.1	9.20B	18
19	14.9B	7.35B	10.1B	103	8.90	14.2	4.95	2.98	15.2	39.9	18.9	8.82B	19
20	20.0B	7.10B	22.5B	79.6	9.16	12.1	8.91	2.84	11.1	32.6	19.8	8.55B	20
21	38.0B	6.85B	50.0	65.7	9.86	10.6	16.3	2.76	9.37	29.1	21.3	10.0 B	21
22	89.4	6.60B	47.1	58.0	10.1	9.33	14.1	2.67	8.31	26.2	25.1	12.4 B	22
23	67.0	6.40B	39.6	53.2	12.6	8.45	10.8	2.40	7.44	23.7	26.9	10.9 B	23
24	50.7	6.25B	36.0	49.2	12.5	7.88	8.74	2.15	6.77	35.6	25.5	10.1 B	24
25	41.5	6.05B	37.0	45.7	10.8	7.52	7.14	2.14	6.39	40.0	68.0	9.60B	25
26	37.7	8.55B	33.4	42.6	9.73	7.24	5.97	2.19	6.05	34.3	79.0	10.9 B	26
27	36.6	13.2 B	32.5	39.1	8.55	6.71	5.04	2.11	12.9	27.7	63.2	11.5 B	27
28	102	24.0 B	38.7	36.4	7.86	6.09	4.62	2.14	22.7	32.0	66.3	10.8 B	28
29	169		41.0	33.9	7.45	8.72	4.50	3.14	17.4	32.8	48.4	10.2 B	29
30	105		38.0	30.7	6.97	9.65	5.77	3.27	14.2	29.1	40.4	9.70B	30
31	98.7		40.3		6.70		5.38	2.95		26.0		9.20B	31
TOTAL	1 263.5	516.45	905.4	2 606.3	474.41	532.69	230.79	153.48	220.58	732.62	882.34	473.52	TOTAL
MEAN	40.8	18.4	29.2	86.9	15.3	17.8	7.44	4.95	7.35	23.6	29.4	15.3	MEAN
MAX	169	80.0	50.0	280	28.1	47.2	16.3	14.9	22.7	40.0	79.0	34.6	MAX
MIN	14.9	6.05	10.1	30.7	6.70	6.09	4.50	2.11	2.08	9.52	9.54	8.55	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.6
MAXIMUM DAILY, 280A ON APR 11
MINIMUM DAILY, 2.08 ON SEP 5
MAXIMUM INSTANTANEOUS,
454E ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 49 N
LONG 54 17 08 W
DRAINAGE AREA, 764 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	109 000	JUL	19 900
FEB	44 600	AUG	13 300
MAR	78 200	SEP	19 100
APR	225 000	OCT	63 300
MAY	41 000	NOV	76 200
JUN	46 000	DEC	40 900

TOTAL DISCHARGE, 777 000 dam^3

NEWFOUNDLAND AND LABRADOR

RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR - STATION NO 02YR002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.15B	18.0 B	4.20B	15.5B	17.7	2.35	1.16	0.861	0.844	14.3	7.18	7.90B	1
2	5.15B	16.2 B	5.60B	21.4	15.9	2.44	1.13	1.03	0.615	14.3	6.73	7.20B	2
3	6.60B	14.2 B	7.34B	29.9	14.3	4.84	1.02	0.962	0.903	14.1	6.73	6.60B	3
4	9.20B	12.1 B	6.80B	31.9	12.2	8.74	0.992	0.934	4.48	12.7	6.62	7.15B	4
5	7.80B	11.3 B	6.25B	29.4	10.7	9.00	0.881	0.907	7.91	12.6	6.17	7.70B	5
6	6.70B	10.0 B	5.75B	24.5	10.2	7.51	0.992	0.859	8.79	20.2	5.65	7.30B	6
7	5.70B	9.20B	5.30B	19.9	11.7	6.76	0.988	0.828	8.19	24.7	5.49	6.90B	7
8	4.80B	8.25B	4.95B	16.8	13.8	6.28	0.935	0.839	7.93	23.0	5.14	6.50B	8
9	4.20B	7.55B	4.60B	14.4	15.2	6.23	0.948	0.807	7.58	20.1	5.13	6.15B	9
10	3.80B	6.90B	4.30B	12.7	15.3	5.65	1.07	0.806	6.98	17.6	8.77	5.80B	10
11	3.40B	6.30B	4.05B	14.2	14.7	5.41	1.07	1.04	6.08	16.0	11.5	5.50B	11
12	3.15B	5.80B	3.85B	27.7	13.6	5.24	1.15	1.04	5.40	13.8	10.3 B	5.20B	12
13	4.20B	5.40B	3.65B	40.2	12.5	5.12	1.37	1.06	4.79	12.0	9.40B	4.95B	13
14	4.80B	5.00B	3.50B	49.9	11.3	4.83	1.54	1.02	4.23	10.7	8.80B	4.70B	14
15	4.39B	4.65B	3.33B	55.1	10.0	4.38	1.62	1.01	3.78	11.2	8.20B	4.50B	15
16	4.05B	4.35B	3.19B	58.6	8.52	3.96	1.65	0.997	3.41	11.4	7.65B	4.30B	16
17	3.75B	4.05B	3.05B	63.9	7.57	3.92	1.73	0.993	5.43	11.1	7.20B	4.10B	17
18	3.55B	3.82B	2.92B	58.3	6.80	3.45	1.77	0.929	23.8	10.0	6.75B	3.85B	18
19	3.35B	3.60B	3.15B	48.2	5.98	2.93	1.78	0.861	35.0	9.80	6.40B	3.69B	19
20	3.15B	3.40B	3.55B	38.7	5.52	2.64	1.85	0.871	31.5	9.40	5.95B	3.50B	20
21	3.65B	3.20B	4.03B	32.7	5.36	2.49	1.82	0.855	26.0	9.11	5.85B	4.30B	21
22	4.20B	3.04B	4.60B	29.7	5.04	2.26	1.79	0.846	20.4	8.40	5.40B	4.95B	22
23	5.20B	2.90B	5.20B	28.3	4.67	2.13	1.69	0.796	16.6	7.51	5.10B	5.60B	23
24	4.75B	2.73B	4.60B	27.2	4.35	1.99	1.53	0.716	13.6	8.79	4.85B	5.20B	24
25	4.50B	2.60B	4.40B	25.1	3.90	1.84	1.40	0.660	11.5	10.7	4.65B	4.95B	25
26	4.30B	3.05B	4.17B	23.4	3.78	1.62	1.21	0.734	9.64	10.8	8.20B	4.65B	26
27	4.05B	3.45B	4.70B	26.6	3.51	1.45	1.19	0.727	11.4	9.93	8.00B	4.45B	27
28	5.60B	4.00B	5.80B	24.4	3.24	1.32	1.05	0.712	14.2	9.54	10.2 B	4.20B	28
29	7.20B		7.40B	22.1	2.80	1.30	1.01	0.729	14.8	8.87	9.40B	3.95B	29
30	9.50B		9.30B	20.1	2.67	1.24	0.978	0.757	14.8	8.07	8.70B	3.75B	30
31	14.0 B		11.5 B		2.48		0.913	0.741		7.47		3.55B	31
TOTAL	162.84	185.04	154.93	930.8	275.29	119.32	40.327	27.027	330.582	388.19	213.91	163.04	TOTAL
MEAN	5.25	6.61	5.00	31.0	8.88	3.98	1.30	0.872	11.0	12.5	7.13	5.26	MEAN
MAX	14.0	18.0	11.5	63.9	17.7	9.00	1.85	1.06	35.0	24.7	11.5	7.90	MAX
MIN	3.15	2.60	2.92	12.7	2.48	1.24	0.913	0.660	0.615	7.47	4.65	3.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.20
MAXIMUM DAILY, 63.9 ON APR 17
MINIMUM DAILY, 0.615 ON SEP 2
MAXIMUM INSTANTANEOUS,
64.7 AT 18:24 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 35 N
LONG 54 06 25 W
DRAINAGE AREA, 399 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 100	JUL	3 480
FEB	16 000	AUG	2 340
MAR	13 400	SEP	28 600
APR	80 400	OCT	33 500
MAY	23 800	NOV	18 500
JUN	10 300	DEC	14 100

TOTAL DISCHARGE, 259 000 dam³

RATTLE BROOK NEAR BOAT HARBOUR - STATION NO 02ZG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50 B	5.97	6.65 B	4.57	1.47	0.371	2.43	0.359	0.532	1.30	1.04	2.54	1
2	4.02	4.63	4.16	5.49	1.35	1.42	1.44	0.489	0.437	1.75	0.913	1.96	2
3	2.87	2.75	3.54	7.62	1.29	8.52	1.47	0.484	0.383	1.39	0.880	1.63	3
4	3.92	2.20 B	2.46	5.58	1.24	7.59	1.49	0.409	0.365	1.09	0.775	3.18	4
5	3.88	1.94 B	2.02	3.65	1.17	3.76	1.16	0.504	0.356	4.41	0.921	4.01	5
6	2.68	1.67 B	1.44	2.62	1.06	2.77	0.979	0.385	0.371	5.62	0.978	2.75	6
7	2.16	1.49 B	1.21 B	2.18	1.18	2.11	0.782	0.320	0.425	3.27	0.957	2.13	7
8	1.70 B	1.32 B	1.12 B	1.72	1.10	2.33	0.612	0.262	2.48	2.20	0.941	1.71	8
9	1.35 B	1.21 B	0.980B	1.63	0.965	37.7	0.488	0.220	3.05	1.65	1.22	1.47 B	9
10	1.13 B	1.10 B	0.870B	10.3	0.834	11.9	0.373	0.238	1.82	1.39	6.98	1.32 B	10
11	1.00 B	1.02 B	1.19 B	36.6	0.753	5.72	0.316	0.208	1.24	1.16	3.93	1.18 B	11
12	0.920B	0.920B	2.10 B	15.8	0.691	3.83	0.266	0.187	1.00	0.960	2.35	1.03 B	12
13	0.860B	0.855B	1.78 B	10.3	0.589	2.71	0.218	0.169	0.988	0.835	1.80	0.945B	13
14	1.62	0.785B	1.62 B	8.71	0.519	2.02	0.194	0.200	1.10	0.739	1.52 B	0.855B	14
15	3.10	0.730B	1.31 B	14.4	0.470	1.66	0.173	0.280	0.834	1.32	1.38 B	0.795B	15
16	3.01	0.685B	1.13 B	16.6	0.437	1.34	0.170	0.249	0.722	1.58	1.57	0.736B	16
17	3.80 B	0.650B	0.990B	22.4	0.375	1.12	0.176	0.217	6.34	1.27	1.33	0.690B	17
18	2.90 B	0.610B	0.890B	12.3	0.345	1.28	0.157	0.194	6.97	4.29	1.17	0.644B	18
19	2.42 B	0.582B	0.785B	6.81	0.395	1.07	0.137	0.175	3.46	4.07	1.32	0.602B	19
20	2.10 B	0.545B	1.55 B	4.48	0.499	0.859	0.912	0.181	2.09	2.65	1.18 B	0.570B	20
21	13.3	0.520B	6.45 B	4.04	0.508	0.706	2.44	0.170	1.51	1.85	1.10 B	0.700B	21
22	8.55	0.500B	3.22 B	3.80	0.491	0.569	2.37	0.148	1.19	1.43	3.08	0.863B	22
23	4.50	0.480B	2.00 B	3.21	0.542	0.478	1.54	0.137	1.00	1.24	3.16	0.790B	23
24	3.20	0.466B	1.73 B	2.76	0.520	0.433	1.05	0.128	0.845	2.59	2.57	0.715B	24
25	2.93	0.670B	2.45 B	2.45	0.543	0.393	0.669	0.178	0.730	2.21	13.3	0.658B	25
26	4.67	1.00 B	2.05 B	2.26	0.480	0.385	0.505	0.344	0.650	1.72	6.54	0.900B	26
27	3.60	2.02 B	1.78	2.12	0.470	0.297	0.397	0.406	2.02	1.27	6.56	1.57 B	27
28	8.48	10.0 B	6.45	2.02	0.439	0.247	0.311	0.330	2.52	2.12	8.08	1.28 B	28
29	17.7		7.37	1.88	0.415	1.29	0.310	1.17	1.72	2.15	4.42	1.07 B	29
30	6.86		4.52	1.67	0.414	3.38	0.356	0.826	1.23	1.68	3.09	0.910B	30
31	8.04		4.08		0.392		0.309	0.686		1.37		0.780B	31
TOTAL	130.770	47.318	79.776	219.97	21.946	108.338	24.182	10.361	48.378	62.574	85.055	40.993	TOTAL
MEAN	4.22	1.69	2.57	7.33	0.708	3.61	0.780	0.334	1.61	2.02	2.84	1.32	MEAN
MAX	17.7	10.0	7.37	36.6	1.47	37.7	2.44	1.17	6.97	5.62	13.3	4.01	MAX
MIN	0.860	0.466	0.785	1.63	0.345	0.247	0.137	0.128	0.356	0.739	0.775	0.570	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.41
MAXIMUM DAILY, 37.7 ON JUN 9
MINIMUM DAILY, 0.128 ON AUG 24
MAXIMUM INSTANTANEOUS,
68.5E AT 09:45 NST ON JUN 9

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 54 51 18 W
DRAINAGE AREA, 42.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 300	JUL	2 090
FEB	4 090	AUG	895
MAR	6 890	SEP	4 180
APR	19 000	OCT	5 410
MAY	1 900	NOV	7 350
JUN	9 360	DEC	3 540

TOTAL DISCHARGE, 76 000 dam³

RATTLER BROOK NEAR MCIVERS - STATION NO 02YL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.530B	0.600B	0.068B	3.50 B	0.397	0.169	0.084	0.014	0.033	0.095	0.115	0.191	1
2	0.449B	0.440B	0.060B	2.10 B	0.348	0.486	0.082	0.009	0.025A	0.142	0.141	0.215	2
3	0.393B	0.333B	0.054B	1.50 B	0.385	1.82	0.073	0.008	0.024E	0.152	0.220	0.182	3
4	0.348B	0.250B	0.050B	0.806B	0.382	1.82	0.094	0.013	0.022E	0.121	0.182	0.374	4
5	0.313B	0.205B	0.045B	0.506B	0.294	0.819	0.226	0.007	0.023E	0.348	0.162	0.425	5
6	0.278B	0.168B	0.041B	0.308B	0.247	0.537	0.258	0.009	0.024E	0.441	0.140B	0.263	6
7	0.253B	0.140B	0.037B	0.207B	0.226	0.389	0.222	0.026	0.024E	0.258	0.126	0.210B	7
8	0.233B	0.118B	0.034B	0.109B	0.177	0.385	0.164	0.054	0.024E	0.206	0.114	0.180B	8
9	0.212B	0.100B	0.032B	0.103B	0.139	0.790	0.131	1.15	0.025A	0.185	0.175	0.150B	9
10	0.193B	0.085B	0.029B	0.400B	0.118	0.714	0.108	1.42	0.025	0.225	0.630	0.131B	10
11	0.180B	0.075B	0.027B	1.50 B	0.117	0.743	0.099	0.411	0.026	0.194	0.384	0.119B	11
12	0.168B	0.065B	0.025B	3.75	0.114	0.624	0.094	0.242	0.026	0.160	0.188	0.105B	12
13	0.160B	0.057B	0.024B	4.90	0.101	0.445	0.086	0.155	0.050	0.141	0.153	0.094B	13
14	0.900B	0.051B	0.023B	3.14	0.091	0.356	0.071	0.106	0.059	0.120	0.140B	0.084B	14
15	4.90 B	0.046B	0.021B	3.41	0.087	0.318	0.098	0.083	0.065	0.162	0.128B	0.076B	15
16	6.00 B	0.041B	0.020B	3.52	0.081	0.237	0.104	0.066	0.104	0.198	0.118B	0.070B	16
17	5.23 B	0.036B	0.019B	5.63	0.081	0.217	0.105	0.050	0.108	0.185	0.108B	0.064B	17
18	2.40 B	0.033B	0.018B	2.05	0.072	0.220	0.084	0.071	0.095	0.152	0.098	0.060B	18
19	1.23 B	0.030B	0.025B	0.972	0.089	0.193	0.064	0.077	0.077	0.130	0.108	0.056B	19
20	12.0 B	0.028B	0.200B	0.781	0.225	0.170	0.055	0.063	0.067	0.123	0.098B	0.052B	20
21	6.60 B	0.026B	2.00 B	1.02	0.276	0.150	0.048	0.050	0.052	0.115	0.090B	0.049B	21
22	2.80 B	0.033B	1.00 B	1.78	0.304	0.125	0.043	0.042	0.052	0.099	0.084B	0.046B	22
23	1.20 B	0.039B	0.300B	2.28	0.376	0.104	0.038	0.052	0.053	0.110	0.099B	0.044B	23
24	0.529B	0.044B	0.106B	1.52	0.339	0.099	0.035	0.057	0.052	0.416	0.100B	0.040B	24
25	0.360B	0.052B	0.102B	1.34	0.295	0.096	0.025	0.052	0.056	0.381	0.430	0.039B	25
26	0.290B	0.061B	0.086B	1.15	0.235	0.090	0.030	0.048	0.054	0.262	0.287	0.064B	26
27	2.18	0.070B	0.076B	0.875	0.208	0.085	0.033	0.043	0.119	0.213	0.387	1.60 B	27
28	21.3	0.078B	0.101B	0.627	0.179	0.075	0.022	0.039	0.144	0.155	0.546	1.32 B	28
29	8.78		0.102B	0.567	0.160	0.075	0.013	0.040	0.118	0.132	0.299	1.18 B	29
30	1.55		0.103B	0.472	0.175	0.080	0.016	0.036	0.090	0.130	0.220	1.06 B	30
31	0.629		0.600B		0.167		0.008	0.035		0.126		1.00 B	31
TOTAL	82.588	3.304	5.428	50.823	6.485	12.531	2.613	4.528	1.716	5.877	6.050	9.543	TOTAL
MEAN	2.66	0.118	0.175	1.69	0.209	0.418	0.084	0.146	0.057	0.190	0.202	0.308	MEAN
MAX	21.3	0.600	2.00	5.63	0.397	1.82	0.258	1.42	0.144	0.441	0.630	1.60	MAX
MIN	0.160	0.026	0.016	0.103	0.072	0.075	0.008	0.007	0.022	0.095	0.084	0.039	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.525
MAXIMUM DAILY, 21.3 ON JAN 28
MINIMUM DAILY, 0.007 ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 34 N
LONG 56 06 19 W
DRAINAGE AREA, 17.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 140	JUL	226
FEB	285	AUG	391
MAR	469	SEP	148
APR	4 390	OCT	508
MAY	560	NOV	523
JUN	1 080	DEC	825

TOTAL DISCHARGE, 16 500 dam³

RATTLING BROOK AT RATTLING BROOK POWERHOUSE - STATION NO 02YD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.64	11.9	5.68	6.51	13.4	9.85	9.97	9.85	5.89	8.83	8.75	7.96	1
2	4.79	11.7	5.51	6.82	13.3	9.83	9.83	10.0	4.87	8.76	8.86	9.68	2
3	5.83	11.9	5.74	6.94	13.4	9.88	10.0	9.68	3.91	8.78	6.77	9.06	3
4	5.58	11.9	5.65	8.61	13.4	9.85	9.97	9.88	3.91	8.81	6.91	9.91	4
5	5.64	11.6	7.87	8.98	13.4	9.83	9.97	9.03	3.96	8.81	7.48	9.66	5
6	5.64	13.2	8.92	10.1	13.3	9.80	10.1	9.68	5.80	8.83	6.68	9.26	6
7	5.75	13.4	9.40	11.9	13.3	9.91	9.91	7.50	5.78	8.86	7.39	9.37	7
8	5.52	13.3	9.71	13.1	13.3	9.83	9.85	9.37	3.99	8.81	8.78	9.60	8
9	5.75	13.3	9.49	13.1	13.3	9.85	9.65	9.80	3.94	8.81	8.83	7.84	9
10	5.35	12.6	9.43	13.0	13.3	9.88	9.74	9.80	4.02	8.18	8.81	9.20	10
11	4.81	13.3	7.42	13.1	13.3	9.94	8.41	7.50	5.97	8.81	8.83	9.12	11
12	5.64	13.3	5.21	13.3	13.3	9.77	5.86	5.66	3.88	8.92	8.83	8.98	12
13	5.52	13.2	4.42	13.3	11.0	9.80	5.75	5.61	6.00	8.76	8.50	7.82	13
14	5.24	13.9	4.87	13.3	12.9	9.83	5.61	5.78	5.95	10.3	7.08	9.29	14
15	7.76	13.2	4.81	13.3	11.9	9.88	5.64	5.47	4.08	8.81	7.96	7.93	15
16	5.64	13.0	4.81	13.3	9.85	9.83	5.80	8.61	3.79	8.83	8.72	6.46	16
17	5.58	11.5	3.20	13.3	10.1	9.91	7.45	7.79	4.87	8.83	8.75	6.43	17
18	5.35	6.65	3.68	13.4	9.85	9.80	7.39	5.58	8.16	8.86	6.57	6.46	18
19	4.62	6.63	2.97	13.3	9.85	9.88	7.31	8.13	8.75	8.81	8.83	6.54	19
20	4.50	6.85	1.81	13.3	9.85	8.76	7.25	7.16	8.78	8.83	8.86	4.50	20
21	4.53	6.40	3.77	14.6	9.94	9.85	8.21	8.81	8.86	7.70	8.78	4.62	21
22	4.82	7.48	3.74	13.3	10.1	9.80	9.83	8.78	8.21	6.23	8.83	5.49	22
23	5.38	6.68	3.85	13.4	10.0	8.95	9.91	8.18	8.92	8.89	8.89	5.47	23
24	5.92	6.63	3.31	13.3	10.2	8.95	9.77	0	8.81	8.83	8.83	4.28	24
25	6.57	8.92	3.79	13.3	10.1	9.71	9.54	0	8.83	8.83	8.86	3.82	25
26	6.65	6.63	3.79	13.3	10.1	9.83	8.89	2.18	8.86	8.78	8.83	3.88	26
27	7.46	6.63	4.59	13.3	9.85	9.94	9.37	4.87	8.81	8.81	5.24	3.88	27
28	9.51	0	5.55	13.3	9.94	9.91	9.57	5.47	8.83	8.04	6.86	4.05	28
29	10.7		5.52	13.3	9.88	9.97	6.94	4.13	8.75	6.82	8.83	5.15	29
30	10.5		5.38	13.3	9.88	10.0	9.97	5.61	8.89	6.74	8.83	5.27	30
31	11.1		5.44		9.91		9.85	5.89		7.84		5.52	31
TOTAL	192.08	285.70	173.33	366.36	355.20	292.84	267.51	215.80	194.07	264.79	244.99	216.50	TOTAL
MEAN	6.20	10.2	5.59	12.2	11.5	9.76	8.63	6.96	6.47	8.54	8.17	6.98	MEAN
MAX	11.1	13.9	9.71	14.6	13.4	10.0	10.1	10.0	8.92	10.3	8.89	9.91	MAX
MIN	4.50	0	1.81	6.51	9.85	8.76	5.61	0	3.79	6.23	5.24	3.82	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.41
MAXIMUM DAILY, 14.6 ON APR 21
MINIMUM DAILY, 0 ON FEB 28

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 03 12 N
LONG 55 17 12 W
DRAINAGE AREA, 378 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 600	JUL	23 100
FEB	24 700	AUG	18 600
MAR	15 000	SEP	16 800
APR	31 700	OCT	22 900
MAY	30 700	NOV	21 200
JUN	25 300	DEC	18 700

TOTAL DISCHARGE, 285 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

RIVIERE JOIR NEAR PROVINCIAL BOUNDARY - STATION NO. 02XA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.42B	6.40B	3.50B	2.88B	110 B	47.5E	30.7	49.2	47.3	27.8	30.5B	10.2 B	1
2	5.35B	6.48B	3.45B	3.35B	140 B	45.0E	28.9	44.6	43.9	27.6	29.0B	10.0 B	2
3	5.28B	6.42B	3.42B	4.00B	185 B	43.0E	26.5	39.9	43.2	27.5	27.0B	9.80B	3
4	5.20B	6.30B	3.38B	5.30B	200 B	41.0E	24.5	36.1	40.7	26.9	25.5B	9.60B	4
5	5.11B	6.09B	3.35B	6.20B	212 B	39.5E	23.8	34.6	37.7	29.6	24.5B	9.43B	5
6	5.07B	5.90B	3.31B	6.65B	194 A	38.5E	22.5	35.2	35.0	35.8	23.5B	9.30B	6
7	5.00B	5.70B	3.28B	6.78B	170 E	37.5E	20.9	36.1	31.8	39.8	22.5B	9.10B	7
8	4.95B	5.55B	3.24B	6.65B	148 E	36.5E	19.4	36.7	32.4	41.0	21.5B	8.99B	8
9	4.88B	5.35B	3.19B	6.55B	132 E	35.9E	23.0	38.0	35.3	41.2	20.5B	8.80B	9
10	4.80B	5.20B	3.17B	6.40B	115 E	38.5E	38.6	38.0	35.4	40.3	19.8B	8.70B	10
11	4.75B	5.05B	3.14B	6.70B	104 E	43.0E	48.7	36.2	35.2	37.3	19.0B	8.60B	11
12	4.70B	4.90B	3.10B	7.10B	99.0E	42.9E	49.7	34.2	35.3	34.4	18.3B	8.40B	12
13	4.65B	4.75B	3.08B	7.60B	97.2E	42.5E	48.7	31.4	39.5	31.3	17.7B	8.30B	13
14	4.60B	4.60B	3.07B	8.60B	97.5E	40.3E	45.7	28.4	59.7	28.5	16.9B	8.20B	14
15	4.52B	4.50B	3.05B	9.70B	102 E	38.7A	40.7	25.8	69.9	30.4	16.2B	8.10B	15
16	4.48B	4.40B	3.04B	10.9 B	106 E	36.8	35.9	22.4	72.0E	37.5	15.5B	8.00B	16
17	4.43B	4.30B	3.03B	12.2 B	108 E	37.4	32.3	19.7	72.5E	42.0	15.0B	7.90B	17
18	4.38B	4.20B	3.00B	14.0 B	122 E	40.5	28.3	18.1	68.0E	43.2	14.5B	7.80B	18
19	4.30B	4.12B	2.99B	16.0 B	126 E	43.0	24.3	16.9	62.0E	45.6	14.0B	7.70B	19
20	4.28B	4.08B	2.98B	18.4 B	125 E	44.2	21.5	15.5	57.0E	44.0	13.6B	7.60B	20
21	4.22B	3.98B	2.97B	21.0 B	119 E	43.8	19.5	14.2	51.0E	40.6	13.0B	7.59B	21
22	4.16B	3.90B	2.96B	24.5 B	106 E	40.3	24.1	14.1	47.5E	38.8	12.7B	7.50B	22
23	4.10B	3.85B	2.95B	28.0 B	93.0E	37.4	39.8	21.4	48.0E	36.0A	12.3B	7.40B	23
24	4.08B	3.78B	2.94B	33.0 B	83.0E	35.2	50.1	37.5	52.0E	34.5E	12.0B	7.39B	24
25	4.05B	3.72B	2.93B	38.0 B	77.0E	32.9	55.1	46.9	54.5E	33.5E	11.7B	7.25B	25
26	4.00B	3.68B	2.92B	46.0 B	70.0E	31.9	64.2	54.0	42.0E	31.2E	11.4B	7.20B	26
27	3.99B	3.63B	2.91B	53.0 B	65.0E	32.3	69.3	57.4	34.2A	30.0E	11.1B	7.15B	27
28	4.60B	3.58B	2.90B	63.0 B	60.0E	32.2	70.4	58.4	32.0	33.0E	10.9B	7.08B	28
29	5.40B		2.90B	75.0 B	56.3E	32.3	66.9	58.2	29.4	36.0E	10.7B	7.00B	29
30	5.86B		2.89B	90.0 B	53.5E	32.5	61.5	55.0	27.4	34.0E	10.4B	6.99B	30
31	6.20B		2.88B		51.0E		55.9	51.1		32.0E		6.93B	31
TOTAL	146.83	134.41	95.82	637.46	3 506.5	1 163.0	1 212.4	1 105.2	1 371.8	1 091.3	521.2	254.00	TOTAL
MEAN	4.74	4.80	3.09	21.2	113	38.8	39.1	35.7	45.7	35.2	17.4	8.19	MEAN
MAX	6.20	6.48	3.50	90.0	212	47.5	70.4	58.4	72.5	45.6	30.5	10.2	MAX
MIN	3.99	3.58	2.88	2.88	51.0	31.9	19.4	14.1	27.4	26.9	10.4	6.93	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 212B ON MAY 5
MINIMUM DAILY, 2.88B ON MAR 31

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 09 50 N
LONG 60 03 34 W
DRAINAGE AREA, 2 080 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 700	JUL	105 000
FEB	11 600	AUG	95 500
MAR	8 290	SEP	119 000
APR	55 100	OCT	94 300
MAY	303 000	NOV	45 000
JUN	100 000	DEC	21 900

TOTAL DISCHARGE, 971 000 dam³

ROCKY RIVER NEAR COLINET - STATION NO. 02ZK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1	28.5	59.6	37.4	5.56	2.30	9.04	5.07	2.86	7.54	8.04	16.0 B	1
2	36.8	20.8 B	34.2	34.0	5.00	2.22	6.92	8.09	2.37	6.64	6.93	13.2 B	2
3	22.4	19.4 B	55.1	45.5	4.47	10.1	6.17	8.85	2.11	6.51	6.44	11.6 B	3
4	16.6	16.1 B	33.5	42.7	4.23	18.0	6.81	5.94	1.91	4.81	6.21	13.0 B	4
5	17.2	13.2 B	22.1	32.7 A	4.07	9.16	5.93	5.82	1.83	5.97	6.77	17.7	5
6	14.1	11.3 B	22.8	28.5 E	6.12	6.77	5.19	5.30	1.80	12.6	6.92	12.8	6
7	11.4	10.0 B	24.3	24.6 E	15.7	5.51	4.43	4.06	1.67	8.99	6.35	8.50B	7
8	9.83	9.10B	17.8	22.3 E	17.4	4.78	3.53	3.21	1.61	7.72	7.21	6.40B	8
9	8.78	8.15B	11.8 B	20.8 E	14.2	59.1	3.08	2.71	1.68	6.34	7.16	5.25B	9
10	7.98	6.90B	10.2 B	18.8 E	10.4	46.6	2.89	6.35	1.86	5.38	54.3	6.60B	10
11	7.37	6.40B	9.15B	56.3 A	8.64	25.8	2.54	6.75	1.89	4.85	25.2	7.60B	11
12	6.63	5.96B	8.42B	43.5	7.21	16.7	2.38	5.13	1.88	4.26	15.7	6.85B	12
13	6.18B	5.65B	7.62B	26.8	5.98	13.7	2.35	4.08	1.87	3.75	11.4	6.20B	13
14	7.89	5.35B	7.20B	22.3	5.26	10.7	2.24	3.25	1.96	3.36	11.3	5.75B	14
15	12.8	5.70B	6.75B	17.2	4.83	9.14	2.19	2.64	1.85	3.26	8.05	5.23B	15
16	10.7	8.70B	6.40B	14.1	4.32	7.73	2.21	2.38	1.74	3.80	10.2	4.85B	16
17	9.80B	19.0 B	6.05B	17.0	3.79	6.96	1.98	2.24	7.80	3.59	13.9	4.50B	17
18	8.98B	15.6 B	5.90B	17.2	3.46	11.1	1.97	1.99	20.7	17.6	12.5	4.25B	18
19	9.63B	12.5 B	6.10B	11.8	3.30	8.96	1.82	1.73	9.11	19.9	11.5	4.05B	19
20	11.6	9.80B	12.2 B	9.39	3.10	6.76	1.90	1.62	6.14	11.9	10.9	3.80B	20
21	56.7	8.65B	50.8	8.46	3.52	5.98	4.16	1.61	4.93	8.98	11.9	5.80B	21
22	42.0	7.60B	44.6	7.64	3.86	5.20	4.25	1.43	4.57	7.29	40.9	7.50B	22
23	23.0	6.85B	31.0 B	7.00	3.94	4.65	3.33	1.42	4.20	6.54	37.3	6.90B	23
24	18.1	6.35B	37.0 B	6.69	3.61	4.26	2.78	1.36	3.83	10.9	23.1	6.15B	24
25	12.3 B	6.00B	40.5 B	6.34	3.49	4.01	2.26	1.41	3.68	12.1	56.4	5.70B	25
26	11.2 B	6.00B	34.8 B	5.87	3.39	3.86	1.81	1.73	3.20	8.94	37.6	6.20B	26
27	10.2 B	13.5 B	32.0 B	5.69	3.07	3.38	1.76	1.81	21.0	7.16	29.2	6.85B	27
28	40.4	39.0 B	84.6 A	6.09	2.74	2.90	1.70	1.73	38.3	20.8	42.4	6.20B	28
29	89.4		78.5	6.50	2.73	15.3	2.23	4.90	16.8	19.7	25.5	5.80B	29
30	41.2		44.5	6.25	2.50	15.4	8.37	5.85	10.3	12.9	20.3	5.35B	30
31	38.4		39.7		2.41		6.49	3.73		9.88		5.00B	31
TOTAL	634.77	334.06	887.19	609.62	172.40	349.08	114.81	114.99	185.64	272.94	571.58	233.58	TOTAL
MEAN	20.5	11.9	28.6	20.3	5.56	11.6	3.70	3.71	6.19	8.80	19.1	7.53	MEAN
MAX	89.4	39.0	84.6	56.3	17.4	59.1	9.04	8.85	38.3	20.8	56.4	17.7	MAX
MIN	6.18	5.35	5.90	5.69	2.41	2.22	1.70	1.36	1.61	3.26	6.21	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 89.4 ON JAN 29
MINIMUM DAILY, 1.36 ON AUG 24
MAXIMUM INSTANTANEOUS,
139E AT 19:33 NST ON MAR 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 13 29 N
LONG 53 34 06 W
DRAINAGE AREA, 285 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 800	JUL	9 920
FEB	28 900	AUG	9 940
MAR	76 700	SEP	16 000
APR	52 700	OCT	23 600
MAY	14 900	NOV	49 400
JUN	30 200	DEC	20 200

TOTAL DISCHARGE, 387 000 dam³

SALMON COVE RIVER NEAR CHAMPNEYS - STATION NO. 02ZJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.95 B	5.25 B	2.30 B	2.53	4.35	1.18	0.822	0.942	0.330	2.89	2.65E	4.20A	1
2	2.66 B	4.75 B	2.90 B	3.10	3.88	1.15	0.999	0.985	0.289	2.89	2.48E	3.80B	2
3	2.40 B	4.35 B	3.88 B	3.99	3.54	1.21	0.911	1.04	0.311	2.69	2.32E	3.50B	3
4	2.20 B	3.90 B	3.50 B	4.29	3.24	1.22	0.812	0.956	0.389	2.42	2.20E	3.20B	4
5	1.98 B	3.55 B	3.18 B	4.15	2.93	1.10	0.892	0.983	0.420	2.91	2.18E	3.40B	5
6	1.82 B	3.25 B	2.89 B	3.97	3.08	1.05	0.863	0.919	0.448	4.31	2.00E	2.95B	6
7	1.69 B	2.95 B	2.60 B	3.72	3.34	0.999	0.778	0.828	0.463	4.15	1.85E	2.60B	7
8	1.52 B	2.67 B	2.35 B	3.43	3.72	0.940	0.698	0.778	0.521	4.11	1.73E	2.30B	8
9	1.41 B	2.47 B	2.13 B	3.17	3.89	2.29	0.677	0.750	0.632	3.91	2.55E	2.05B	9
10	1.31 B	2.30 B	2.00 B	3.02	3.92	2.35	0.698	0.753	0.619	3.87	3.60E	1.90B	10
11	1.22 B	2.06 B	1.87 B	3.97	3.86	2.08	0.705	0.739	0.627	3.53	5.00E	1.72B	11
12	1.15 B	1.85 B	1.69 B	7.17	3.73	2.08	0.921	0.690	0.625	3.21	4.40E	1.62B	12
13	1.07 B	1.70 B	1.51 B	7.23	3.51	1.96	0.951	0.661	0.600	2.97	3.90E	1.49B	13
14	1.42 B	1.56 B	1.40 B	7.95	3.31	1.86	0.951	0.601	0.659	2.70	3.50E	1.39B	14
15	1.27 B	1.46 B	1.27 B	8.93	3.08	1.78	0.899	0.550	0.603	2.49	3.00E	1.32B	15
16	1.18 B	1.36 B	1.15 B	9.63	2.86	1.65	0.903	0.508	0.555	2.33	2.68E	1.25B	16
17	1.12 B	1.26 B	1.06 B	11.9	2.58	1.53	0.923	0.470	0.774	2.20	2.39E	1.19B	17
18	1.06 B	1.17 B	0.970B	11.4	2.43	1.54	0.875	0.440	1.34	2.39A	2.13E	1.13B	18
19	1.00 B	1.08 B	0.920B	10.1	2.20	1.40	0.817	0.393	1.40	2.70E	1.90E	1.09B	19
20	0.940B	0.990B	1.30 B	8.87	2.12	1.29	0.984	0.375	1.41	3.05A	2.70E	1.05B	20
21	1.32 B	0.920B	1.22 B	7.83	2.24	1.20	1.22	0.327	1.47	2.93	3.80E	1.60B	21
22	2.17 B	0.860B	1.12 B	7.17	2.13	1.09	1.22	0.299	1.47	2.81A	5.30E	1.47B	22
23	1.90 B	0.810B	1.00 B	6.75	2.28	1.07	1.12	0.265	1.46	3.60E	4.60E	1.38B	23
24	1.75 B	0.760B	1.40 B	6.52	2.16	0.996	1.08	0.201	1.47	4.40E	4.05E	1.29B	24
25	1.63 B	0.720B	1.31 B	6.52	2.00	0.943	0.953	0.225	1.38	5.40E	4.35E	1.20B	25
26	1.49 B	1.09 B	1.21 B	6.43	1.75	0.860	0.925	0.363	1.31	4.95E	4.90E	1.15B	26
27	1.32 B	1.30 B	1.12 B	6.20	1.59	0.803	0.815	0.364	2.42	4.50E	5.00E	1.27B	27
28	2.50 B	1.70 B	1.06 B	5.82	1.50	0.737	0.710	0.358	3.47	4.00E	4.99E	1.18B	28
29	7.00 B		1.30 B	5.37	1.42	0.785	0.814	0.392	3.07	3.65E	4.79E	1.12B	29
30	6.50 B		1.62 B	4.87	1.35	0.782	1.09	0.388	2.91	3.25E	4.48E	1.05B	30
31	5.80 B		2.04		1.28		0.992	0.356		2.95E		1.00B	31
TOTAL	64.750	58.090	55.270	186.00	85.25	39.925	28.018	17.899	33.445	104.17	101.42	56.86	TOTAL
MEAN	2.09	2.07	1.78	6.20	2.75	1.33	0.904	0.577	1.11	3.36	3.38	1.83	MEAN
MAX	7.00	5.25	3.88	11.9	4.35	2.35	1.22	1.04	3.47	5.40	5.30	4.20	MAX
MIN	0.940	0.720	0.920	2.53	1.28	0.737	0.677	0.201	0.289	2.20	1.73	1.00	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 11.9 ON APR 17
MINIMUM DAILY, 0.201 ON AUG 24
MAXIMUM INSTANTANEOUS,
12.3 AT 11:29 NST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 45 N
LONG 53 18 06 W
DRAINAGE AREA, 73.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 590	JUL	2 420
FEB	5 020	AUG	1 550
MAR	4 780	SEP	2 890
APR	16 100	OCT	9 000
MAY	7 370	NOV	8 760
JUN	3 450	DEC	4 910

TOTAL DISCHARGE, 71 800 dam³

SALMON RIVER AT BAY D'ESPOIR POWERHOUSE - STATION NO. 02ZE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	130	334	245	188	222	80.6	137	220	72.5	162	163	154	1
2	181	344	210	162	211	100	114	222	133	173	142	161	2
3	204	326	227	197	182	121	132	208	188	168	153	200	3
4	206	306	225	264	161	163	118	200	148	152	167	236	4
5	211	309	211	255	202	162	113	203	167	136	177	202	5
6	228	190	199	261	201	140	104	192	173	122	181	191	6
7	201	201	252	290	211	115	127	206	170	147	188	187	7
8	161	173	224	232	224	108	118	185	188	149	200	228	8
9	132	154	283	205	202	116	106	144	174	145	178	214	9
10	122	183	215	266	162	140	106	143	163	145	144	210	10
11	132	141	303	271	138	163	115	195	160	123	174	197	11
12	140	162	255	220	180	176	109	177	195	107	172	209	12
13	127	184	261	190	185	201	88.0	188	194	113	168	228	13
14	116	222	201	189	128	205	93.7	170	125	144	203	270	14
15	122	175	175	168	95.1	180	117	149	201	117	214	231	15
16	213	143	138	215	90.1	180	109	167	218	118	188	210	16
17	123	239	177	264	106	189	115	158	194	137	185	230	17
18	73.0	227	179	260	98.7	177	110	183	168	158	178	209	18
19	58.8	182	187	249	83.5	176	91.2	179	117	150	168	156	19
20	67.1	162	168	245	173	178	82.7	175	113	181	178	99.3	20
21	101	148	282	227	195	172	112	186	118	167	185	116	21
22	193	153	234	197	197	180	131	204	136	186	176	157	22
23	161	153	151	188	153	161	160	187	142	167	180	165	23
24	193	182	191	247	132	174	192	186	139	161	181	102	24
25	278	239	218	242	150	194	190	205	135	160	189	89.3	25
26	241	241	240	259	142	188	175	194	182	167	185	95.6	26
27	213	208	163	235	130	193	164	179	161	177	170	137	27
28	140	250	131	261	114	161	179	134	148	139	139	141	28
29	237		126	258	97.4	169	217	133	199	138	99.8	157	29
30	316		126	272	115	167	225	126	195	124	134	140	30
31	316		144		87.8		225	123		144		123	31
TOTAL	5 336.9	5 941	6 341	6 957	4 768.4	4 789.6	4 175.6	5 522	4 796.5	4 587	5 139.8	5 435.2	TOTAL
MEAN	172	212	205	232	154	160	135	178	160	147	171	175	MEAN
MAX	316	344	303	290	224	205	225	222	218	186	214	270	MAX
MIN	58.8	141	126	162	83.5	80.6	82.7	123	72.5	107	99.8	89.3	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 175
MAXIMUM DAILY, 344 ON FEB 2
MINIMUM DAILY, 58.8 ON JAN 19

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 59 00 N
LONG 55 51 12 W
DRAINAGE AREA, 5 910 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	461 000	JUL	361 000
FEB	513 000	AUG	477 000
MAR	548 000	SEP	414 000
APR	602 000	OCT	395 000
MAY	412 000	NOV	444 000
JUN	414 000	DEC	470 000

TOTAL DISCHARGE, 5 510 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

REGULATED SINCE 1967

NEWFOUNDLAND AND LABRADOR

SALMONIER RIVER NEAR LAMALINE - STATION NO. 02ZG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.95B	7.38	9.70B	16.2	2.98	1.45	8.21	1.61	1.31	1.46	2.08	6.08	1
2	8.25B	5.58	25.0 B	16.2	2.57	1.44	4.38	2.20	1.32	1.53	1.82	3.94	2
3	7.33B	4.62	13.3 B	19.9	2.73	8.22	3.69	1.92	1.17	1.23	1.53	3.61	3
4	4.90B	3.69	9.00B	16.0	2.74	10.9	3.22	1.67	1.13	1.05	1.41	5.94	4
5	11.0	3.18 B	8.00B	9.79	2.44	7.13	2.49	3.48	1.11	3.50	1.94	6.64	5
6	7.47	2.73 B	4.45B	6.19	2.11	4.73	2.06	2.50	0.972	3.63	2.13	5.78	6
7	5.75B	2.39 B	3.65B	4.53	1.98	3.27	1.68	1.83	0.880	3.40	2.01	3.58	7
8	4.58B	2.10 B	2.95B	3.64	1.78	3.38	1.32	1.42	1.63	3.36	1.88	2.76	8
9	3.82B	1.83 B	2.60B	2.98	1.53	33.2	1.08	1.18	1.31	3.00	2.44	2.04	9
10	3.23B	1.63 B	2.28B	14.6	1.33	22.8	0.882	1.07	1.21	2.27	7.27	1.79	10
11	2.88B	1.47 B	3.50B	33.8	1.14	8.35	0.702	0.963	1.09	1.72	5.59	1.44 B	11
12	2.57B	1.30 B	6.80B	27.6	1.03	4.44	0.575	0.782	1.38	1.35	4.45B	1.22 B	12
13	2.28B	1.18 B	18.5	18.9	1.01	2.77	0.501	0.672	1.14	1.12	3.50B	1.04 B	13
14	2.05B	1.07 B	14.9	14.5	0.836	1.91	0.430	0.575	1.07	0.933	2.85B	0.920B	14
15	1.92B	0.975B	11.8	27.7	0.667	1.80	0.391	0.478	1.04	1.40	2.34	0.845B	15
16	1.78B	0.905B	6.20B	42.9	0.554	1.45	0.361	0.472	1.08	1.93	3.69	0.765B	16
17	1.64B	0.825B	4.30B	42.2	0.459	1.21	0.343	0.377	1.49	1.77	4.65	0.720B	17
18	1.52B	0.760B	3.20B	32.3	0.475	1.87	0.334	0.331	1.08	3.11	4.14	0.675B	18
19	1.42B	0.705B	2.33B	16.5	0.456	1.69	0.242	0.289	0.963	2.80	4.74	0.635B	19
20	1.36B	0.658B	5.15B	9.86	0.700	1.43	0.376	0.356	1.07	2.81	2.65	0.600B	20
21	14.8 B	0.610B	29.4	7.40	15.8	1.22	0.639	0.401	0.957	2.67	4.41	0.910B	21
22	10.8 B	0.584B	27.2	6.09	10.0	1.00	0.833	0.310	1.04	2.46	7.20	1.44 B	22
23	7.70B	0.535B	16.0	5.08	7.15	0.913	0.811	0.208	1.02	2.31	5.97	1.19 B	23
24	5.90B	0.500B	8.67	4.54	5.15	0.804	0.646	0.214	0.911	3.12	6.46	0.980B	24
25	4.75B	0.466B	6.54	3.99	5.29	1.05	0.551	0.370	0.923	2.72	7.14	0.840B	25
26	3.83B	0.570B	5.80B	3.57	4.05	1.14	0.458	0.885	0.966	2.41	6.19	1.22 B	26
27	3.13B	0.900B	5.15B	3.91	3.02	0.933	0.391	0.631	1.08	2.51	7.27	2.14 B	27
28	5.00B	1.92 B	24.9	4.32	2.35	0.907	0.336	0.535	0.909	3.27	6.45	1.80 B	28
29	11.8 B		30.7	4.14	1.87	19.1	0.396	1.59	0.938	2.77	6.50	1.45 B	29
30	10.5		20.6	3.51	1.61	14.9	0.986	1.27	0.882	2.83	6.23	1.22 B	30
31	10.8		14.1		1.51		1.21	1.32		2.27		1.08 B	31
TOTAL	169.71	51.083	344.37	422.94	87.317	165.417	40.524	31.919	33.051	72.713	126.93	65.290	TOTAL
MEAN	5.47	1.82	11.1	14.1	2.82	5.51	1.31	1.03	1.10	2.35	4.23	2.11	MEAN
MAX	14.8	7.38	30.7	42.9	15.8	33.2	8.21	3.48	1.63	3.63	7.27	6.64	MAX
MIN	1.36	0.466	2.28	2.98	0.456	0.804	0.242	0.208	0.862	0.933	1.41	0.600	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.41
MAXIMUM DAILY, 42.9 ON APR 16
MINIMUM DAILY, 0.208 ON AUG 23
MAXIMUM INSTANTANEOUS,
50.7 AT 19:57 NST ON APR 16

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 52 29 N
LONG 55 46 39 W
DRAINAGE AREA, 115 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 700	JUL	3 500
FEB	4 410	AUG	2 760
MAR	29 800	SEP	2 860
APR	36 500	OCT	6 280
MAY	7 540	NOV	11 000
JUN	14 300	DEC	5 640

TOTAL DISCHARGE, 139 000 dam³

SANDY BROOK AT SANDY BROOK POWERHOUSE - STATION NO. 02YD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.22	38.2	5.52	13.4	18.2	8.69	1.67	3.28	3.65	2.41	7.76	8.50	1
2	5.38	27.9	6.23	13.3	18.4	9.57	3.96	1.78	1.36	4.93	7.59	10.3	2
3	5.80	33.1	5.61	18.3	17.2	18.9	1.59	2.63	1.30	6.71	7.39	12.5	3
4	6.77	18.6	6.77	17.4	11.6	19.2	4.98	3.82	1.50	4.87	6.91	10.0	4
5	5.64	18.4	7.42	17.8	13.7	16.9	5.13	1.50	1.33	10.5	4.79	10.4	5
6	4.84	18.5	6.60	19.0	17.8	15.4	3.03	3.96	1.59	16.0	4.11	8.52	6
7	3.26	18.2	5.10	17.4	17.4	8.92	4.64	2.61	0.566	9.32	6.57	9.51	7
8	6.14	17.8	5.47	14.0	17.6	13.6	2.72	3.23	1.13	8.89	4.62	9.83	8
9	4.13	17.5	9.49	14.0	10.7	16.2	4.02	1.19	1.42	8.61	6.26	4.42	9
10	4.19	17.8	8.01	15.5	16.5	9.80	5.07	1.76	1.13	3.20	9.26	4.47	10
11	4.13	17.1	3.82	29.7	13.6	10.3	4.28	0	2.04	7.02	16.3	4.87	11
12	4.22	9.88	2.01	163	8.13	16.7	4.22	3.91	1.13	8.92	13.0	7.36	12
13	4.84	13.8	4.02	187	10.6	16.6	5.69	2.58	1.90	7.22	8.30	6.00	13
14	4.22	8.60	4.08	175	9.43	15.8	5.69	1.25	1.70	5.69	10.6	5.86	14
15	5.58	8.30	3.40	130	8.38	11.8	5.21	1.22	1.36	8.07	10.3	5.32	15
16	7.42	10.4	3.45	205	8.87	10.5	6.12	0.981	2.18	6.60	9.83	5.64	16
17	4.93	7.08	3.82	292	7.11	8.61	7.33	1.98	8.52	5.64	14.3	4.22	17
18	8.27	7.66	4.30	187	5.07	6.82	4.56	1.05	15.7	6.85	5.75	3.79	18
19	6.46	7.14	6.14	109	6.34	10.6	5.09	0	5.35	4.59	10.1	6.29	19
20	11.5	5.41	4.93	62.0	3.23	7.05	6.03	6.17	8.61	7.42	7.67	4.90	20
21	13.8	5.55	2.29	40.2	4.84	4.87	5.72	0.425	9.12	8.35	9.85	4.22	21
22	16.8	6.06	3.99	58.9	7.53	4.84	4.22	0	10.1	4.79	13.5	4.22	22
23	13.6	6.68	5.58	72.8	8.10	5.58	4.79	1.30	4.81	6.31	8.86	5.01	23
24	13.5	4.73	5.58	63.7	7.58	4.28	3.06	0.680	6.94	9.03	8.04	4.45	24
25	15.0	4.45	4.59	60.0	7.25	3.79	1.83	1.84	4.98	15.4	15.5	3.60	25
26	10.1	10.9	6.08	52.1	5.21	3.45	6.48	0.951	5.01	8.55	5.18	3.82	26
27	12.1	4.47	7.53	41.9	6.68	4.11	0	0.340	12.5	7.19	8.07	3.96	27
28	18.0	5.89	6.34	32.6	3.51	2.80	7.14	0.453	9.68	10.3	14.1	4.47	28
29	26.1		5.52	22.7	5.41	3.11	4.05	2.72	7.84	4.98	6.03	3.09	29
30	36.2		8.92	18.9	6.68	1.27	1.61	1.30	8.10	9.49	10.3	3.48	30
31	28.6		10.7		16.8		3.11	1.02		6.88		2.55	31
TOTAL	315.74	369.99	173.32	2 154.0	319.23	289.86	134.12	55.780	142.546	234.73	270.74	185.57	TOTAL
MEAN	10.2	13.2	5.59	71.8	10.3	9.66	4.33	1.80	4.75	7.57	9.02	5.99	MEAN
MAX	36.2	38.2	10.7	292	18.4	19.2	7.33	6.17	15.7	16.0	16.3	12.5	MAX
MIN	3.26	4.45	2.01	13.3	3.23	1.27	0	0	0.566	2.41	4.11	2.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 292 ON APR 17
MINIMUM DAILY, 0 ON JUL 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 53 18 N
LONG 55 49 14 W
DRAINAGE AREA, 508 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 300	JUL	11 600
FEB	32 000	AUG	4 820
MAR	15 000	SEP	12 300
APR	186 000	OCT	20 300
MAY	27 600	NOV	23 400
JUN	25 000	DEC	16 000

TOTAL DISCHARGE, 401 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SEAL COVE BROOK NEAR CAPPAHAYDEN - STATION NO. 02ZM009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.20	5.48	12.5	6.51	1.80	0.787	2.87	4.59	0.869	2.59	2.32	5.95	1
2	9.33	3.99	10.7	5.27	1.82	0.746	2.24	4.85	0.650	3.13	2.48	4.06	2
3	6.44	3.05	16.4	6.77	1.64	0.640	2.17	3.90	0.639	2.84	1.97	2.10	3
4	4.88	2.38	9.76	7.71	1.45	0.813	2.69	2.90	0.457	1.97	1.59	3.72	4
5	5.04	1.97 A	6.14	5.49	1.39	0.780	2.22	2.60	0.368	5.41	2.54	4.73	5
6	5.14	1.59 E	6.98	4.15	1.40	0.780	1.84	2.30	0.324	10.4	2.72	3.63	6
7	5.11	1.37 E	5.44	3.00	1.65	0.704	1.98	1.72	0.268	6.29	2.67	2.02	7
8	3.39	1.18 E	5.35	2.20	1.78	0.568	2.67	1.34	0.239	4.64	2.96	1.31	8
9	2.38	1.01 E	3.82	1.82	1.49	1.29	3.13	1.11	0.252	3.31	2.53	1.80 B	9
10	1.89	0.900E	2.58	1.49	1.24	1.73	2.35	1.08	0.247	2.93	6.60	1.29 B	10
11	1.65	0.810A	1.91	7.66	1.17	1.39	1.75	1.03	0.211	3.30	5.36	1.09 B	11
12	1.32	0.886	4.54	12.6	1.03	1.15	1.38	0.939	0.205	2.79	3.77	0.950B	12
13	1.09	0.569	3.92	8.83	0.852	0.924	1.09	0.807	0.257	2.13	2.99	0.850B	13
14	1.27	0.489	2.51	6.39	0.634	0.804	0.812	0.640	0.290	1.52	3.57	0.770B	14
15	2.30	0.463	1.75B	4.96	0.603	0.765	0.683	0.489	0.349	1.76	2.12	0.710B	15
16	1.75	4.09	1.55B	4.19	0.507	0.608	0.716	0.430	0.306	2.68	2.74	0.650B	16
17	1.40B	8.80	1.35B	7.39	0.459	0.470	0.683	0.361	1.79	2.64	8.53	0.610B	17
18	1.77	6.83	1.15B	6.86	0.443	4.01	0.536	0.255	4.89	3.78	6.41	0.580B	18
19	2.45	4.74	1.01	5.25	0.390	4.15	0.479	0.191	2.30	5.10	3.86	0.530B	19
20	2.59	3.29	4.80	4.15	0.339	3.00	0.917	0.226	2.11	3.95	3.35B	0.510B	20
21	15.8	2.25	8.39	3.49	0.831	2.42	2.26	0.336	1.63	3.11	3.10B	2.03	21
22	12.8	1.91	5.04	3.08	1.69	2.03	2.20	0.277	2.99	2.46	18.1	2.94	22
23	8.06	1.85	3.52	2.72	1.78	1.86	1.85	0.242	3.42	1.93	15.4	2.13	23
24	5.16	1.48	3.21	2.44	1.36	1.40	1.43	0.223	2.46	1.74	8.61	1.64	24
25	3.39	1.24	4.00	2.24	2.04	1.26	1.01	0.212	2.45	1.88	11.8	1.37	25
26	2.47	3.92	2.83	1.84	2.50	1.14	0.812	0.205	2.24	1.74	9.22	1.20	26
27	2.39	7.06	3.79	1.87	1.87	0.924	0.708	0.205	3.31	1.41	6.89	1.93	27
28	9.52	11.8	17.9	2.88	1.57	0.723	0.558	0.226	6.52	4.48	10.3	2.24	28
29	15.0		19.9	2.72	1.27	2.81	0.989	0.947	4.34	7.40	6.61	1.70	29
30	10.7		11.1	2.08	1.03	4.07	3.86	1.69	3.14	6.45	5.72	1.25	30
31	7.22		7.35		0.889		3.50	1.26		4.42		1.10	31
TOTAL	156.89	85.007	191.89	138.27	39.117	44.566	52.483	37.591	50.521	109.83	161.61	57.170	TOTAL
MEAN	5.06	3.04	6.19	4.61	1.26	1.49	1.69	1.21	1.68	3.55	5.39	1.84	MEAN
MAX	15.8	11.8	19.9	12.6	2.50	4.15	3.86	4.85	6.52	10.4	18.1	5.95	MAX
MIN	1.09	0.463	1.01	1.49	0.339	0.470	0.479	0.191	0.205	1.41	1.59	0.510	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.08
MAXIMUM DAILY, 19.9 ON MAR 29
MINIMUM DAILY, 0.191 ON AUG 19
MAXIMUM INSTANTANEOUS,
28.9E AT 20:31 NST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 50 50 N
LONG 52 58 27 W
DRAINAGE AREA, 53.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 600	JUL	4 540
FEB	7 340	AUG	3 250
MAR	16 600	SEP	4 370
APR	11 900	OCT	9 500
MAY	3 380	NOV	14 000
JUN	3 850	DEC	4 940

TOTAL DISCHARGE, 97 300 dam³

SHEARSTOWN BROOK AT SHEARSTOWN - STATION NO. 02ZL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.77	2.17	3.47	2.80 E	0.623	0.298	0.778	0.311	0.180	0.429	0.828	1.60 B	1
2	3.28	1.67 B	3.79	3.20 A	0.593	0.293	0.591	0.649	0.159	0.372	0.732	1.35	2
3	1.91	1.28 B	2.63	5.22	0.596	0.961	0.548	0.739	0.158	0.322	0.702	1.09	3
4	1.49	1.08 B	1.88	5.61	0.553	1.60	0.623	0.483	0.164	0.277	0.631	1.16	4
5	1.83	0.940B	1.41 B	3.16	0.641	0.768	0.500	0.487	0.168	0.415	0.813	1.49	5
6	1.06	0.820B	1.18 B	2.23	1.81	0.608	0.411	0.378	0.172	0.761	0.711	1.13	6
7	1.23	0.710B	1.00 B	1.72	2.75	0.512	0.365	0.300	0.173	0.648	0.709	0.768	7
8	0.960B	0.620B	0.875B	1.44	2.94	0.451	0.345	0.254	0.174	0.499	0.785	0.645B	8
9	0.740B	0.542B	0.765B	1.27	2.26	14.2	0.348	0.219	0.187	0.387	0.706	0.550B	9
10	0.570B	0.489B	0.682B	1.15	1.62	7.15	0.345	0.475	0.175	0.360	3.44	0.470B	10
11	0.610B	0.435B	0.603B	1.02	1.24	2.69	0.315	0.527	0.162	0.348	2.01	0.415B	11
12	0.565B	0.397B	1.03 B	3.41	0.976	1.71	0.295	0.440	0.158	0.307	1.16	0.385B	12
13	0.525B	0.358B	0.915B	6.10	0.831	1.22	0.277	0.372	0.159	0.273	0.935	0.350B	13
14	0.497B	0.329B	0.810B	3.00	0.744	0.930	0.247	0.312	0.165	0.266	0.861	0.320B	14
15	0.658B	0.307B	0.715B	2.29	0.659	0.838	0.232	0.256	0.150	0.303	0.776	0.300B	15
16	0.600B	0.660B	0.635B	2.01	0.559	0.736	0.245	0.221	0.140	0.339	0.935	0.280B	16
17	0.510B	0.600B	0.570B	1.69	0.502	0.710	0.247	0.205	0.298	0.295	1.32	0.262B	17
18	0.590B	0.530B	0.525B	1.80	0.463	1.73	0.226	0.195	0.628	2.17	1.06	0.247B	18
19	0.772B	0.493B	0.480B	1.28	0.455	0.980	0.205	0.177	0.450	2.21	0.970B	0.232B	19
20	0.960B	0.452B	1.42 B	1.10	0.426	0.706	0.268	0.159	0.350	1.16	0.900B	0.219B	20
21	6.00	0.418B	3.61 E	1.01	0.502	0.560	0.326	0.158	0.290	0.817	0.933	0.500B	21
22	4.26	0.383B	2.39 E	0.921	0.524	0.450	0.312	0.143	0.273	0.685	3.57	0.641	22
23	2.08	0.358B	1.28 E	0.862	0.564	0.466	0.260	0.137	0.239	0.598	3.28	0.506	23
24	1.35	0.333B	1.59 E	0.803	0.521	0.443	0.218	0.135	0.224	1.71	1.92	0.427	24
25	0.980B	0.317B	2.08 E	0.744	0.429	0.449	0.181	0.145	0.219	1.47	5.72	0.380	25
26	0.825B	0.540B	1.76 E	0.701	0.365	0.406	0.171	0.149	0.209	0.947	3.81	0.365	26
27	0.662B	1.20 B	2.50 E	0.778	0.345	0.357	0.157	0.136	0.460	0.722	2.69	0.478	27
28	1.23 B	6.51	3.25 E	0.772	0.334	0.312	0.148	0.144	1.47	2.27	4.14	0.410B	28
29	7.85		4.60 E	0.768	0.313	1.07	0.203	0.211	0.850	2.04	2.36	0.370B	29
30	3.48		2.32 E	0.648	0.303	1.13	0.457	0.225	0.592	1.22	1.85	0.335B	30
31	2.78		2.48 E		0.282		0.378	0.203		0.980		0.305B	31
TOTAL	52.724	25.041	53.285	59.287	25.745	44.764	10.242	8.945	9.196	25.601	51.247	17.980	TOTAL
MEAN	1.70	0.894	1.72	1.98	0.830	1.49	0.330	0.289	0.307	0.826	1.71	0.580	MEAN
MAX	7.85	6.51	4.60	6.10	2.94	14.2	0.778	0.739	1.47	2.27	5.72	1.60	MAX
MIN	0.497	0.307	0.480	0.648	0.282	0.293	0.148	0.135	0.140	0.266	0.631	0.219	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 14.2 ON JUN 9
MINIMUM DAILY, 0.135 ON AUG 24
MAXIMUM INSTANTANEOUS,
25.0E AT 17:46 NST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 02 N
LONG 53 18 29 W
DRAINAGE AREA, 28.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 580	JUL	885
FEB	2 180	AUG	773
MAR	4 600	SEP	795
APR	5 120	OCT	2 210
MAY	2 220	NOV	4 430
JUN	3 870	DEC	1 560

TOTAL DISCHARGE, 33 300 dam³

SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY - STATION NO. 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.17B	12.7 B	3.64B	5.00B	37.7	5.44	4.17	3.01	4.01	3.88	4.30	5.47	1
2	3.05B	11.7 B	3.52B	7.10B	33.1	8.03	4.00	3.05	3.80	4.01	4.32	5.32	2
3	2.92B	10.8 B	3.37B	9.30B	29.5	17.2	3.84	2.84	3.73	3.94	4.68	5.15	3
4	2.80B	10.0 B	3.24B	11.8	26.4	20.5	3.78	2.85	3.61	3.80	4.72	5.33	4
5	2.70B	9.25B	3.12B	12.3	23.3	21.8	4.57	2.73	3.55	5.44	4.54	5.15	5
6	2.60B	8.61B	3.01B	12.3	20.5	20.4	5.22	2.61	3.51	6.65	4.23	5.08	6
7	2.52B	8.18B	2.90B	11.8	18.5	19.0	4.80	2.58	3.44	5.99	4.13	4.95	7
8	2.42B	7.60B	2.81B	11.1	16.9	18.3	4.52	2.59	3.30	5.83	4.04	4.75	8
9	2.32B	7.18B	2.70B	10.2	15.2	18.1	4.38	5.02	3.17	5.63	4.42	4.70B	9
10	2.23B	6.75B	2.63B	10.7	13.8	16.8	4.18	15.9	3.01	5.71	7.91	4.40B	10
11	2.14B	6.30B	2.55B	22.7	12.7	15.3	4.14	20.9	2.82	5.51	7.90	4.30B	11
12	2.05B	5.90B	2.48B	33.1	11.8	13.9	4.89	20.4	2.85	5.17	7.65	4.18B	12
13	2.10B	5.60B	2.40B	41.4	10.8	12.6	4.59	19.3	2.86	4.88	7.52	4.05B	13
14	2.95B	5.34B	2.34B	49.2	9.96	11.2	4.28	18.0	2.80	4.85	6.93	3.95B	14
15	3.70B	5.07B	2.28B	58.5	9.20	10.3	4.22	15.3	2.71	4.99	6.61	3.85B	15
16	3.50B	4.83B	2.21B	70.4	8.60	9.63	4.95	14.7	2.64	5.08	6.41	3.72B	16
17	3.34B	4.62B	2.15B	104	8.15	9.23	5.51	13.4	3.34	4.84	5.20	3.65B	17
18	3.20B	4.40B	2.10B	104	7.88	8.98	5.18	12.0	4.21	4.58	5.98	3.55B	18
19	3.04B	4.19B	2.05B	85.7	7.24	8.15	5.01	10.8	3.88	4.34	5.70	3.50B	19
20	5.20B	4.00B	2.00B	73.7	7.15	7.55	4.87	9.91	3.78	4.15	5.40	3.40B	20
21	6.60B	3.85B	2.45B	65.2	7.38	7.04	4.72	9.05	3.75	3.86	5.12	3.32B	21
22	7.50B	3.65B	2.80B	63.4	7.76	6.62	4.42	8.32	3.70	3.83	4.95B	3.25B	22
23	7.10B	3.48B	2.71B	65.3	7.55	6.13	4.29	7.86	3.63	3.77	4.75B	3.19B	23
24	6.60B	3.53B	2.64B	65.6	7.28	5.71	3.89	7.00	3.58	4.11	4.50B	3.12B	24
25	6.20B	3.73B	2.57B	64.1	6.95	5.44	3.68	6.54	3.55	4.08	4.90B	3.10B	25
26	6.00B	4.02B	2.49B	61.4	6.55	5.11	3.62	6.17	3.45	3.77	5.25	3.30B	26
27	5.62B	3.98B	2.45B	58.0	6.17	4.86	3.54	5.79	3.85	3.58	5.42	3.38B	27
28	5.40B	3.80B	2.68B	53.6	5.82	4.88	3.41	5.39	4.01	3.65	5.82	3.30B	28
29	14.9 B		3.20B	48.8	5.65	4.51	3.30	5.04	3.87	3.52	5.59	3.25B	29
30	14.5 B		3.60B	43.2	5.68	4.38	3.15	4.68	3.76	3.87	5.80	3.17B	30
31	13.8 B		4.20B		5.55		2.95	4.30		4.47		3.10B	31
TOTAL	152.17	173.06	85.29	1 336.80	400.51	326.58	131.99	266.97	104.28	141.72	165.52	123.92	TOTAL
MEAN	4.91	6.18	2.75	44.6	12.9	10.9	4.26	8.61	3.48	4.57	5.51	4.00	MEAN
MAX	14.9	12.7	4.20	104	37.7	21.8	5.51	20.9	4.21	6.65	7.91	5.47	MAX
MIN	2.05	3.48	2.00	5.00	5.55	4.38	2.95	2.58	2.64	3.52	4.04	3.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.34
MAXIMUM DAILY, 104 ON APR 17
MINIMUM DAILY, 2.00B ON MAR 20
MAXIMUM INSTANTANEOUS,
113 AT 15:54 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 11 N
LONG 56 31 56 W
DRAINAGE AREA, 391 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 100	JUL	11 400
FEB	15 000	AUG	23 200
MAR	7 370	SEP	9 010
APR	115 000	OCT	12 200
MAY	34 600	NOV	14 300
JUN	28 300	DEC	10 700

TOTAL DISCHARGE, 394 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "SHEFFIELD RIVER NEAR TRANS CANADA HIGHWAY" TO 1985.

SHOAL ARM BROOK NEAR BADGER BAY - STATION NO. 02YP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	2.40 B	0.590B	0.870B	2.37	0.896	0.281	0.388	0.320	1.78	0.995	1.28 B	1
2	0.630B	2.70 B	0.545B	1.60 B	2.02	0.809	0.288	0.513	0.300	1.77	1.03	1.18 B	2
3	0.580B	2.30 B	0.500B	3.60 B	1.50	1.82	0.302	0.439	0.613	1.54	0.995	1.14 B	3
4	0.545B	1.85 B	0.470B	5.10 B	1.65	4.06	0.295	0.384	2.07	1.34	0.897	1.24 B	4
5	0.610B	1.71 B	0.440B	6.00 B	1.36	3.87	0.581	0.359	2.63	1.87	0.699	1.25 B	5
6	0.478B	1.50 B	0.413B	1.50 B	1.23	2.68	0.903	0.312	2.24	5.21	0.800B	1.20 B	6
7	0.450B	1.34 B	0.385B	1.60 B	1.15	2.00	0.759	0.276	1.61	4.55	0.733	1.17 B	7
8	0.410B	1.20 B	0.374B	2.40 B	1.18	1.60	0.747	0.278	1.48	3.41	0.680	1.12 B	8
9	0.385B	1.10 B	0.354B	3.15 B	1.24	1.31	0.720	0.723	1.32	2.55	0.817	1.08 B	9
10	0.353B	0.990B	0.340B	4.00 B	1.19	1.01	0.709	2.88	1.11	1.88	1.91	1.03 B	10
11	0.344B	0.910B	0.325B	7.80 B	1.10	0.949	0.878	4.23	0.914	1.53	1.50	0.990B	11
12	0.330B	0.838B	0.312B	11.9 B	1.01	0.940	0.681	2.88	0.807	1.33	1.33	0.950B	12
13	0.640B	0.780B	0.300B	16.8 E	0.931	0.834	0.663	2.01	0.915	1.12	1.22	0.920B	13
14	0.980B	0.720B	0.290B	14.0 E	0.912	0.766	0.662	1.57	1.08	1.02	1.13 B	0.895B	14
15	1.25 B	0.670B	0.280B	11.1 E	0.800	0.859	0.632	1.21	0.906	1.18	1.04 B	0.880B	15
16	1.31 B	0.630B	0.270B	16.0 E	0.732	0.575	0.957	0.999	0.807	1.11	0.950B	0.830B	16
17	0.850B	0.590B	0.260B	20.9 E	0.658	0.556	1.21	0.842	2.33	1.01	0.930B	0.810B	17
18	0.700B	0.560B	0.253B	16.5 E	0.663	0.518	0.957	0.699	6.35	0.889	0.880B	0.780B	18
19	0.780B	0.530B	0.249B	13.4 E	0.606	0.420	0.847	0.595	5.14	0.849	0.840B	0.760B	19
20	0.900B	0.500B	0.480B	11.2 E	0.711	0.415	0.773	0.489	3.61	0.823	0.800B	0.740B	20
21	1.77 B	0.479B	0.600B	9.30 E	0.937	0.368	0.797	0.489	2.57	0.780	0.785B	0.710B	21
22	2.39 B	0.453B	0.550B	8.01 E	1.14	0.317	0.780	0.432	1.85	0.767	0.730B	0.690B	22
23	1.95 B	0.438B	0.485B	7.60 A	1.13	0.320	0.650	0.370	1.62	0.749	0.707B	0.670B	23
24	1.45 B	0.420B	0.450B	7.14	1.11	0.318	0.618	0.356	1.38	1.23	0.680B	0.659B	24
25	1.00 B	0.500B	0.413B	5.89	0.808	0.313	0.589	0.381	1.20	1.32	0.740B	0.640B	25
26	1.68 B	0.600B	0.380B	5.15	0.840	0.321	0.509	0.452	1.07	1.14	0.880B	0.620B	26
27	2.80 B	0.780B	0.360B	5.01	0.784	0.298	0.423	0.420	2.17	1.03	1.00 B	0.600B	27
28	4.00 B	0.895B	0.340B	4.04	0.662	0.324	0.379	0.416	2.78	1.01	1.15 B	0.590B	28
29	5.30 B		0.330B	3.29	0.639	0.283	0.319	0.418	2.23	1.02	1.40 B	0.570B	29
30	4.40 B		0.460B	2.80	0.621	0.287	0.300	0.387	1.89	1.06	1.35 B	0.580B	30
31	3.70 B		0.540B		0.622		0.287	0.355		1.05		0.550B	31
TOTAL	43.715	29.280	12.358	227.840	32.806	29.245	19.261	26.333	55.712	48.017	29.817	27.084	TOTAL
MEAN	1.41	1.05	0.399	7.59	1.06	0.975	0.621	0.849	1.86	1.55	0.994	0.873	MEAN
MAX	5.30	3.40	0.600	20.9	2.37	4.06	1.21	4.23	6.35	5.21	1.91	1.28	MAX
MIN	0.330	0.420	0.249	0.870	0.808	0.283	0.281	0.276	0.300	0.749	0.680	0.550	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.59
MAXIMUM DAILY, 20.9E ON APR 17
MINIMUM DAILY, 0.249B ON MAR 19

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 18 N
LONG 55 46 44 W
DRAINAGE AREA, 63.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 780	JUL	1 660
FEB	2 530	AUG	2 270
MAR	1 070	SEP	4 810
APR	19 700	OCT	4 150
MAY	2 830	NOV	2 580
JUN	2 530	DEC	2 340

TOTAL DISCHARGE, 50 300 dam³

SHOAL HARBOUR RIVER NEAR CLARENVILLE - STATION NO. 02ZJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.10B	6.40 B	3.00 B	5.46	3.90	1.27	2.57	1.62	0.307	2.74	3.08	3.60 B	1
2	5.20B	6.40 B	4.00 B	6.04	3.45	1.20	3.61	2.22	0.309	2.45	2.78	3.20 B	2
3	4.30B	4.65 B	5.00 B	7.81	3.14	3.06	1.86	1.86	0.281	2.13	2.48	2.95 B	3
4	3.65B	4.00 B	4.30 B	7.46	2.61	3.94	1.59	1.53	0.273	1.83	2.24	2.60 B	4
5	3.15B	3.55 B	3.70 B	6.82	2.58	2.74	1.87	1.49	0.342	4.33	2.13	3.00 B	5
6	2.90B	3.05 B	3.30 B	5.74	2.64	2.42	1.67	1.31	0.679	6.47	2.20	2.70 B	6
7	2.55B	2.74 B	2.80 B	5.39	3.42	2.07	1.38	1.15	0.757	4.41	1.91	2.50 B	7
8	2.30B	2.50 B	2.45 B	4.37	4.26	1.82	1.29	1.11	0.688	3.98	1.81	2.27 B	8
9	2.10B	2.30 B	2.15 B	4.21	3.99	5.21	1.27	0.996	0.653	3.38	1.65	2.10 B	9
10	1.88B	2.18 B	1.90 B	4.21	3.77	4.31	1.15	0.899	0.664	3.20	6.41	1.91 B	10
11	1.68B	1.94 B	1.72 B	46.4 E	3.48	3.62	0.987	0.883	0.699	2.89	4.40	1.79 B	11
12	1.48B	1.80 B	1.60 B	33.8	3.14	3.18	1.40	0.819	0.657	2.63	3.55	1.65 B	12
13	1.75B	1.89 B	1.42 B	24.9	2.87	2.74	1.50	0.801	0.687	2.24	3.18	1.51 B	13
14	2.22B	1.55 B	1.30 B	21.9	2.77	2.46	1.29	0.697	0.797	2.00	2.50B	1.40 B	14
15	2.00B	1.46 B	1.20 B	21.0	2.45	2.25	1.06	0.648	0.758	1.89	1.74	1.31 B	15
16	1.83B	1.37 B	1.11 B	19.2	2.14	1.93	1.01	0.534	0.702	1.74	1.50	1.22 B	16
17	1.68B	1.29 B	1.03 B	22.3	1.88	1.72	0.984	0.513	2.07	1.52	2.36	1.12 B	17
18	1.55B	1.20 B	0.970B	16.8	1.67	1.59	0.975	0.507	3.00	2.70	2.38	1.06 B	18
19	1.40B	1.13 B	0.900B	12.6	1.51	1.50	0.889	0.440	2.15	3.46	2.17	1.00 B	19
20	1.85B	1.08 B	1.60 B	10.2	1.95	1.32	1.71	0.421	1.84	3.17	2.60B	1.30 B	20
21	2.82B	1.02 B	1.43 B	9.06	2.37	1.15	2.43	0.336	1.78	3.21	3.22	1.54 B	21
22	2.50B	0.970B	1.31 B	8.50	2.25	0.956	1.80	0.342	1.66	3.00	9.00B	1.34 B	22
23	2.25B	0.920B	1.19 B	7.83	3.04	0.973	1.53	0.349	1.65	2.94	7.60B	1.23 B	23
24	2.00B	0.880B	1.84 B	7.52	2.70	0.927	1.47	0.359	1.52	7.00	6.30B	1.12 B	24
25	1.83B	0.840B	1.65 B	7.03	2.21	0.878	1.35	0.331	1.41	6.54	7.90B	1.04 B	25
26	1.70B	1.15 B	1.53 B	6.34	1.93	0.823	1.22	0.321	1.28	5.17	6.60B	0.980B	26
27	2.40B	1.55 B	1.40 B	5.89	1.84	0.698	1.14	0.283	3.65	4.41	5.80B	1.21 B	27
28	3.20B	2.30 B	1.70 B	5.05	1.78	0.671	0.949	0.286	4.59	4.44	5.10B	1.09 B	28
29	4.50B		2.25 B	4.63	1.63	1.00	0.985	0.389	3.37	4.48	4.50B	1.02 B	29
30	9.00B		2.45 B	4.25	1.51	1.08	1.65	0.415	3.05	3.92	4.15	0.940B	30
31	7.80B		3.80 B		1.32		1.39	0.334		3.59		0.890B	31
TOTAL	91.57	60.910	66.000	352.81	80.40	58.507	45.989	24.213	42.283	107.86	113.24	52.590	TOTAL
MEAN	2.95	2.18	2.13	11.8	2.59	1.88	1.48	0.781	1.41	3.48	3.77	1.70	MEAN
MAX	9.00	6.40	5.00	46.4	4.26	5.21	3.61	2.22	4.59	7.00	9.00	3.60	MAX
MIN	1.40	0.840	0.900	4.21	1.32	0.671	0.889	0.283	0.273	1.52	1.50	0.890	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.01
MAXIMUM DAILY, 46.4E ON APR 11
MINIMUM DAILY, 0.273 ON SEP 4
MAXIMUM INSTANTANEOUS,
85.4E AT 14:05 NST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 12 24 N
LONG 54 02 23 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 910	JUL	3 970
FEB	5 260	AUG	2 090
MAR	5 700	SEP	3 650
APR	30 500	OCT	9 320
MAY	6 950	NOV	9 780
JUN	5 140	DEC	4 540

TOTAL DISCHARGE, 94 800 dam³

SOUTH BROOK AT PASADENA - STATION NO. 02YL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.500B	1.57 B	0.730B	9.99 B	2.27	0.641	0.343	0.462	0.268	0.650	0.770	1.12	1
2	0.459B	1.37 B	0.680B	5.00 B	2.45	2.34	0.315	0.468	0.250	0.673	0.986	1.00	2
3	0.413B	1.23 B	0.645B	3.00 B	2.89	8.99	0.276	0.333	0.491	0.550	1.26	1.10	3
4	0.370B	1.10 B	0.605B	1.80 B	2.05	6.21	0.357	0.280	0.447	0.471	0.846	1.09	4
5	0.349B	0.980B	0.570B	1.35 B	1.48	2.97	1.02	0.266	0.372	3.13	0.970	1.63	5
6	0.327B	0.903B	0.540B	1.10 B	1.22	1.[illegible]5	1.07	0.248	0.363	2.76	0.789	1.10	6
7	0.304B	0.850B	0.510B	0.860B	1.08	1.03	0.666	0.234	0.335	1.21	0.654	0.940	7
8	0.284B	0.760B	0.490B	0.720B	1.01	0.946	0.453	0.263	0.301	0.861	0.620	0.860B	8
9	0.264B	0.739B	0.460B	0.630B	0.950	1.18	0.397	0.542	0.288	0.730	1.03	0.780B	9
10	0.249B	0.680B	0.440B	1.10	0.858	1.85	0.365	1.78	0.243	1.01	5.33	0.710B	10
11	0.234B	0.640B	0.418B	8.97	0.827	1.77	0.310	5.24	0.246	0.784	2.05	0.850B	11
12	0.226B	0.590B	0.396B	5.93	0.832	1.21	0.322	1.59	0.306	0.619	1.17	0.600B	12
13	0.218B	0.556B	0.380B	8.81	0.754	0.861	0.321	0.979	0.694	0.547	0.945	0.550B	13
14	4.89 B	0.520B	0.360B	10.1	0.699	0.732	0.287	0.572	0.694	0.506	0.820B	0.505B	14
15	4.00 B	0.490B	0.345B	13.3	0.708	0.677	0.285	0.446	0.517	0.717	0.750B	0.470B	15
16	3.15 B	0.462B	0.329B	13.6	0.704	0.581	0.605	0.363	0.501	0.787	0.700B	0.440B	16
17	2.61 B	0.440B	0.312B	15.3	0.667	0.545	0.565	0.311	1.55	0.661	0.650B	0.410B	17
18	2.30 B	0.419B	0.320B	6.09	0.617	0.575	0.385	0.285	1.26	0.585	0.600B	0.390B	18
19	2.00 B	0.430B	0.480B	3.67	0.620	0.488	0.331	0.266	0.698	0.509	0.740B	0.374B	19
20	4.39	0.440B	1.50 B	3.21	1.38	0.441	0.315	0.458	0.504	0.481	0.690B	0.345B	20
21	8.10	0.455B	3.00 B	5.58	1.26	0.412	0.323	0.412	0.427	0.479	0.660B	0.325B	21
22	4.24	0.450B	2.25 B	10.7	1.62	0.402	0.302	0.330	0.385	0.464	1.75	0.310B	22
23	2.13	0.439B	1.70 B	13.6	1.47	0.371	0.272	0.280	0.370	0.486	2.32	0.295B	23
24	1.49	0.420B	1.30 B	10.5	0.961	0.368	0.226	0.278	0.388	1.20	2.21	0.280B	24
25	2.25	0.400B	1.05 B	8.88	0.738	0.395	0.216	0.265	0.391	0.861	8.29	0.270B	25
26	4.33	0.600B	0.850B	7.78	0.616	0.380	0.233	0.346	0.356	0.983	5.67	2.30 B	26
27	4.10	0.800B	1.25 B	5.66	0.521	0.331	0.235	0.337	3.15	0.676	6.34	1.90 B	27
28	23.4	0.780B	1.59 B	4.27	0.481	0.327	0.219	0.330	1.52	0.586	7.80	1.63 B	28
29	18.4		1.30 B	4.88	0.465	0.348	0.214	0.341	0.872	0.653	4.22	1.40 B	29
30	3.74		2.00 B	2.59	0.646	0.366	0.264	0.322	0.631	1.02	2.27	1.25 B	30
31	2.02		4.00 B		0.555		0.266	0.289		1.16		1.15 B	31
TOTAL	103.036	19.543	30.800	186.760	33.209	39.066	11.774	18.953	18.852	26.919	64.880	27.074	TOTAL
MEAN	3.32	0.698	0.994	6.23	1.07	1.30	0.380	0.611	0.628	0.868	2.16	0.873	MEAN
MAX	23.4	1.57	4.00	15.3	2.89	8.99	1.07	5.24	3.15	3.13	8.29	2.30	MAX
MIN	0.218	0.400	0.312	0.630	0.465	0.327	0.214	0.234	0.243	0.464	0.600	0.270	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.59
MAXIMUM DAILY, 23.4 ON JAN 28
MINIMUM DAILY, 0.214 ON JUL 28
MAXIMUM INSTANTANEOUS,
48.5 AT 20:30 NST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 43 N
LONG 57 36 47 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 900	JUL	1 020
FEB	1 690	AUG	1 640
MAR	2 660	SEP	1 630
APR	16 100	OCT	2 330
MAY	2 870	NOV	5 610
JUN	3 380	DEC	2 340

TOTAL DISCHARGE, 50 300 dam³

NEWFOUNDLAND AND LABRADOR

SOUTH BROOK AT PEARL TOWN ROAD - STATION NO. 02ZM021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.566	0.4408	2.88 B	1.93	0.141	0.080	0.153	0.212	0.106	0.246	0.318	0.567	1
2	1.61	0.3408	2.08	1.72	0.164	0.088	0.108	0.531	0.098	0.322	0.266	0.435	2
3	0.782	0.2808	2.80	2.99	0.147	0.109	0.154	0.341	0.109	0.211	0.255	0.360	3
4	0.4608	0.2328	1.05	1.24	0.148	0.131	0.174	0.181	0.147	0.173	0.221	0.709	4
5	0.3408	0.1958	0.467	0.548	0.155	0.098	0.131	0.239	0.127	1.52	0.534	0.842	5
6	0.2508	0.1638	0.6208	0.2608	0.216	0.093	0.117	0.144	0.112	1.48	0.310	0.454	6
7	0.1908	0.1508	0.6508	0.2008	0.317	0.076	0.105	0.116	0.103	0.573	0.325	0.318	7
8	0.1548	0.1358	0.2508	0.1708	0.794	0.100	0.264	0.099	0.081	0.359	0.343	0.260B	8
9	0.1258	0.1218	0.1808	0.1508	0.629	0.709A	0.269	0.104	0.158	0.267	0.295	0.223B	9
10	0.1058	0.1128	0.1488	0.200	0.487	0.430E	0.167	0.634	0.112	0.343	1.40	0.200B	10
11	0.0928	0.1048	0.3008	6.15	0.439	0.300E	0.137	0.351	0.077	0.329	0.520	0.175B	11
12	0.0808	0.0958	0.5008	3.04	0.330	0.200E	0.117	0.225A	0.056	0.239	0.336	0.158B	12
13	0.0878	0.0888	0.2208	1.17	0.237	0.145A	0.111	0.200E	0.062	0.194	0.327	0.144B	13
14	0.1008	0.0808	0.1758	0.930	0.206	0.131	0.089	0.182E	0.081	0.178	0.416	0.132B	14
15	0.4608	0.0758	0.1408	0.789	0.168	0.136	0.086	0.170E	0.067	0.186	0.352	0.121B	15
16	0.3008	1.00 B	0.1188	0.885	0.138	0.119	0.111	0.160E	0.060	0.180	0.363	0.112B	16
17	0.2208	0.9608	0.1028	2.43	0.133	0.102	0.095	0.153E	0.188	0.180	0.464	0.103B	17
18	0.2368	0.4608	0.0888	0.776	0.120	0.245	0.081	0.146E	0.246	1.76	0.356	0.097B	18
19	0.4008	0.3108	0.0808	0.416	0.127	0.143	0.066	0.143E	0.146	0.955	0.361	0.090B	19
20	0.536	0.2208	0.3508	0.342	0.126	0.104	0.375	0.141A	0.114	0.468	0.290	0.118B	20
21	4.26	0.1708	1.20 B	0.353	0.173	0.090	0.506	0.148	0.097	0.333	0.318	0.160B	21
22	1.83	0.1408	0.6008	0.387	0.163	0.086	0.227	0.138	0.203	0.273	1.93	0.720B	22
23	0.574	0.1158	0.3008	0.370	0.171	0.089	0.136	0.165	0.166	0.250	1.33	0.390B	23
24	0.3408	0.0988	0.2388	0.337	0.141	0.090	0.100	0.175	0.130	0.494	0.661	0.164B	24
25	0.2678	0.0868	0.2608	0.301	0.117	0.090	0.083	0.155	0.106	0.437	2.29	0.152B	25
26	0.2248	0.8008	0.4608	0.259	0.101	0.085	0.074	0.191	0.087	0.310	1.00	0.148B	26
27	0.1828	1.30 B	0.9008	0.203	0.102	0.077	0.067	0.158	1.02	0.219	0.884	0.212B	27
28	0.9008	1.90 B	1.90 B	0.196	0.110	0.070	0.061	0.152	1.18	0.908	1.12	0.150B	28
29	2.97 B		1.42	0.199	0.106	0.303	0.170	0.212	0.434	0.649	0.622	0.125B	29
30	0.8408		1.18	0.174	0.104	0.2[illegible]0	0.314	0.184	0.259	0.432	0.615	0.105B	30
31	0.5808		1.84		0.092		0.177	0.128		0.400		0.097B	31
TOTAL	20.152	10.169	23.468	29.175	6.582	4.740	4.825	6.278	5.932	14.868	18.822	8.031	TOTAL
MEAN	0.650	0.363	0.757	0.973	0.212	0.158	0.156	0.203	0.198	0.480	0.627	0.259	MEAN
MAX	4.26	1.90	2.88	6.15	0.794	0.709	0.506	0.634	1.18	1.76	2.29	0.842	MAX
MIN	0.080	0.075	0.080	0.150	0.092	0.070	0.061	0.099	0.056	0.173	0.221	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.419
MAXIMUM DAILY, 6.15 ON APR 11
MINIMUM DAILY, 0.056 ON SEP 12
MAXIMUM INSTANTANEOUS,
13.1E AT 16:53 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 30 24 N
LONG 52 46 24 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 740	JUL	417
FEB	879	AUG	542
MAR	2 030	SEP	513
APR	2 520	OCT	1 280
MAY	569	NOV	1 630
JUN	410	DEC	694

TOTAL DISCHARGE, 13 200 dam³

SOUTH RIVER NEAR HOLYROOD - STATION NO. 02ZM016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.921	1.21 B	3.19	3.02	0.319	0.218	0.485	0.424	0.186	0.641	0.629	1.13	1
2	2.19	0.9608	2.35	1.51	0.289	0.205	0.378	0.884	0.179	0.551	0.551	0.916	2
3	1.53	0.8008	4.17	2.47	0.288	0.265	0.335	1.14	0.171	0.464	0.530	0.726	3
4	1.00	0.6258	2.33	2.37	0.270	0.345	0.318	0.799	0.172	0.392	0.487	0.860	4
5	0.791	0.5308	1.26	1.47	0.291	0.334	0.301	0.809	0.167	0.624	0.595	1.29	5
6	0.545	0.4508	1.18	0.924	0.308	0.322	0.271	0.674	0.154	1.06	0.582	1.10	6
7	0.47[illegible]	0.3858	1.04	0.603	0.510	0.286	0.262	0.367	0.158	0.894	0.569	0.826	7
8	0.4100	0.3358	0.5408	0.457	0.757	0.266	0.246	0.299	0.154	0.713	0.553	0.765	8
9	0.3608	0.2958	0.4508	0.380	0.948	1.54	0.266	0.263	0.201	0.588	0.541	0.560B	9
10	0.2928	0.7658	0.3908	0.348	0.820	1.60	0.255	0.448	0.216	0.528	2.63	0.505B	10
11	0.2788	0.2488	0.7308	5.56	1.01	1.10	0.243	0.509	0.211	0.516	1.96	0.445B	11
12	0.2658	0.2188	1.35 B	5.72	0.931	0.707	0.214	0.432	0.198	0.478	1.27	0.405B	12
13	0.2558	0.2038	0.836	2.70	0.745	0.532	0.210	0.348	0.189	0.414	0.932	0.380B	13
14	0.3108	0.1808	0.530	1.66	0.580	0.415	0.199	0.294	0.207	0.369	0.812	0.360B	14
15	0.4208	0.1788	0.4008	1.22	0.484	0.355	0.192	0.254	0.188	0.419	0.615	0.335B	15
16	0.5808	0.3508	0.3258	0.954	0.417	0.310	0.186	0.214	0.167	0.488	0.656	0.323B	16
17	1.08 B	1.24 B	0.2708	1.84	0.359	0.288	0.170	0.195	0.279	0.464	0.862	0.309B	17
18	0.507	0.897	0.2308	1.44	0.324	0.479	0.160	0.172	0.507	1.69	0.855	0.298B	18
19	0.477	0.635	0.2008	1.00	0.305	0.505	0.156	0.164	0.515	1.98	0.783	0.288B	19
20	0.647	0.441	1.17	0.682	0.289	0.405	0.199	0.152	0.425	1.41	0.772	0.280B	20
21	7.10	0.349	2.08	0.515	0.350	0.333	0.262	0.153	0.363	0.976	0.750	1.15	21
22	4.50	0.288	1.23	0.433	0.393	0.290	0.299	0.142	0.347	0.718	2.82	0.921	22
23	2.06	0.257	0.684	0.406	0.400	0.252	0.295	0.143	0.329	0.602	2.91	0.675	23
24	1.14	0.256	0.538	0.402	0.384	0.246	0.267	0.149	0.308	0.853	1.85	0.520	24
25	0.9008	0.225	0.590	0.395	0.344	0.238	0.205	0.143	0.276	1.16	3.29	0.421	25
26	0.7808	0.454	0.4588	0.373	0.311	0.218	0.170	0.142	0.257	1.06	2.62	0.367	26
27	1.20 B	0.795	0.465	0.369	0.286	0.207	0.180	0.134	0.618	0.800	1.93	0.466	27
28	1.69	2.44	3.18	0.359	0.262	0.196	0.146	0.138	1.53	1.14	2.37	0.495	28
29	4.29		4.02	0.355	0.250	0.373	0.195	0.201	1.06	1.28	1.70	0.430	29
30	2.54		2.07	0.343	0.241	0.526	0.434	0.221	0.781	1.00	1.31	0.350B	30
31	1.88		1.78		0.328		0.463	0.223		0.787		0.318B	31
TOTAL	41.218	15.509	40.026	39.278	13.883	13.383	7.932	10.230	10.553	25.059	38.734	18.214	TOTAL
MEAN	1.33	0.554	1.29	1.31	0.447	0.445	0.256	0.330	0.352	0.808	1.29	0.588	MEAN
MAX	7.10	2.44	4.17	5.72	1.01	1.60	0.485	1.14	1.53	1.98	3.29	1.29	MAX
MIN	0.255	0.178	0.200	0.343	0.228	0.196	0.146	0.134	0.154	0.369	0.487	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.751
MAXIMUM DAILY, 7.10 ON JAN 21
MINIMUM DAILY, 0.134 ON AUG 27
MAXIMUM INSTANTANEOUS,
10.3E AT 15:56 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 41 N
LONG 53 [illegible] 02 W
DRAINAGE AREA, 17.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 560	JUL	685
FEB	1 340	AUG	884
MAR	3 460	SEP	912
APR	3 390	OCT	2 170
MAY	1 200	NOV	3 350
JUN	1 150	DEC	1 570

TOTAL DISCHARGE, 23 700 dam³

SOUTH WEST BROOK NEAR BAIE VERTE - STATION NO. 02YM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.360B	5.20 B	0.395B	1.50 B	4.15	0.297	0.122	0.127	0.247	0.900	0.532	0.420B	1
2	0.335B	3.80 B	0.360B	2.30 B	3.62	0.422	0.112	0.179	0.218	1.44	0.554	0.400B	2
3	0.313B	2.88 B	0.325B	3.50 B	3.35	2.75	0.089	0.162	0.250	1.29	0.613	0.380B	3
4	0.290B	2.30 B	0.304B	5.00 B	3.26	8.10	0.095	0.140	0.302	0.956	0.587	0.450B	4
5	0.270B	1.87 B	0.280B	3.40 B	2.76	10.4	0.195	0.145	0.375	1.08	0.561	0.500B	5
6	0.258B	1.52 B	0.258B	2.10 B	2.28	5.84	0.231	0.122	0.408	2.98	0.485	0.470B	6
7	0.240B	1.29 B	0.240B	1.38 B	2.14	3.33	0.226	0.104	0.398	3.40	0.470B	0.455B	7
8	0.228B	1.07 B	0.225B	0.860B	2.11	2.25	0.190	0.183	0.362	2.45	0.460B	0.440B	8
9	0.213B	0.940B	0.210B	0.600B	1.88	2.38	0.186	0.394	0.323	1.72	0.409	0.420B	9
10	0.204B	0.840B	0.199B	1.37	1.68	1.95	0.344	2.08	0.278	1.34	0.765	0.400B	10
11	0.192B	0.775B	0.187B	7.92	1.52	1.86	0.548	7.79	0.219	1.08	0.991	0.390B	11
12	0.183B	0.670B	0.176B	23.2	1.33	1.49	0.508	5.02	0.217	0.965	0.875	0.370B	12
13	0.178B	0.600B	0.168B	20.7	1.17	1.23	0.442	3.32	0.279	0.839	0.665	0.360B	13
14	0.315B	0.545B	0.158B	16.6	1.06	1.01	0.332	2.11	0.366	0.760	0.587	0.349B	14
15	0.530B	0.500B	0.150B	19.5	0.973	0.938	0.239	1.42	0.353	0.872	0.562	0.335B	15
16	0.860B	0.460B	0.143B	25.5	0.857	0.760	0.490	1.04	0.327	0.961	0.514	0.325B	16
17	1.38 B	0.423B	0.138B	25.4	0.804	0.594	0.892	0.766	0.322	0.879	0.498	0.313B	17
18	1.05 B	0.384B	0.360B	21.9	0.731	0.555	0.646	0.604	0.526	0.830	0.454	0.302B	18
19	0.880B	0.365B	0.900B	11.8	0.698	0.411	0.426	0.516	0.575	0.783	0.432	0.293B	19
20	0.800B	0.349B	2.09 B	8.34	0.739	0.345	0.301	0.469	0.530	0.634	0.387	0.280B	20
21	1.43 B	0.410B	1.65 B	9.[illegible]	0.767	0.310	0.261	0.417	0.438	0.593	0.357	0.275B	21
22	2.25 B	0.500B	1.38 B	[illegible].8	0.710	0.300	0.240	0.353	0.387	0.568	0.340B	0.267B	22
23	2.70 B	0.620B	1.20 B	16.1	0.634	0.269	0.201	0.302	0.410	0.529	0.328B	0.261B	23
24	1.90 B	0.520B	1.05 B	16.5	0.543	0.215	0.168	0.272	0.404	0.548	0.330B	0.253B	24
25	1.50 B	0.470B	0.967B	10.9	0.481	0.214	0.138	0.255	0.380	0.598	0.380B	0.248B	25
26	1.20 B	0.430B	0.850B	10.2	0.435	0.175	0.132	0.341	0.378	0.546	0.460B	0.265B	26
27	1.00 B	0.570B	0.768B	9.85	0.410	0.153	0.137	0.553	0.568	0.464	0.510B	0.319B	27
28	2.10 B	0.503B	0.708B	6.98	0.348	0.135	0.119	0.511	0.774	0.488	0.480B	0.300B	28
29	22.0 B		0.660B	7.41	0.307	0.116	0.103	0.411	0.742	0.463	0.460B	0.294B	29
30	11.1 B		0.740B	5.24	0.314	0.112	0.090	0.373	0.553	0.451	0.440B	0.282B	30
31	7.80 B		1.00 B		0.308		0.092	0.317		0.516		0.279B	31
TOTAL	63.859	31.014	18.239	309.690	42.369	48.711	8.295	30.796	11.909	31.923	15.486	10.695	TOTAL
MEAN	2.06	1.11	0.588	10.3	1.37	1.62	0.268	0.993	0.397	1.03	0.516	0.345	MEAN
MAX	22.0	5.20	2.09	25.5	4.15	10.4	0.892	7.79	0.774	3.40	0.991	0.500	MAX
MIN	0.178	0.349	0.138	0.600	0.307	0.112	0.089	0.104	0.217	0.451	0.328	0.248	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 25.5 ON APR 16
MINIMUM DAILY, 0.089 ON JUL 3
MAXIMUM INSTANTANEOUS,
29.2 AT 10:15 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 37 N
LONG 56 13 22 W
DRAINAGE AREA, 93.2 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 520	JUL	717
FEB	2 680	AUG	2 660
MAR	1 580	SEP	1 030
APR	26 800	OCT	2 760
MAY	3 660	NOV	1 340
JUN	4 210	DEC	924

TOTAL DISCHARGE, 53 900 dam^3

SOUTHERN BAY RIVER NEAR SOUTHERN BAY - STATION NO. 02ZJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70 B	3.90 B	1.80 B	4.23	2.26	0.730	0.428	0.617	0.227	1.67 E	2.45	2.68	1
2	2.55 B	3.45 B	3.20 B	5.91	2.00	0.682	0.755	0.631	0.213	1.50 E	2.14	2.45 B	2
3	2.25 B	3.10 B	2.80 B	8.37	1.82	0.777	0.860	0.602	0.215	1.35 E	1.85	2.15 B	3
4	2.00 B	2.75 B	2.35 B	9.02	1.64	0.855	0.951	0.585	0.222	1.26 E	1.57	1.90 B	4
5	1.80 B	2.48 B	1.98 B	7.26	1.42	0.821	0.984	0.602	0.227	1.60 E	1.55	1.72 B	5
6	1.62 B	2.22 B	1.70 B	5.25	1.52	0.780	0.997	0.629	0.249	2.00 E	1.46	1.88 B	6
7	1.45 B	2.00 B	1.45 B	4.03	1.83	0.688	1.02	0.632	0.230	1.85 E	1.38	1.75 B	7
8	1.32 B	1.81 B	1.28 B	3.22	2.29	0.660	0.942	0.607	0.273	1.71 E	1.24	1.60 B	8
9	1.20 B	1.66 B	1.11 B	2.81	2.95	1.25	0.904	0.543	0.297	1.59 E	1.37	1.45 B	9
10	1.09 B	1.50 B	0.980B	2.49	3.64	1.40	0.882	0.536	0.302	1.49 E	3.01	1.32 B	10
11	0.990B	1.39 B	0.898B	9.35	3.86	1.53	0.861	0.535	0.342	1.38 E	3.96	1.19 B	11
12	0.910B	1.28 B	0.800B	16.5	3.57	1.68	0.820	0.465	0.299	1.28 E	3.71	1.09 B	12
13	1.07 B	1.17 B	0.720B	17.4	2.92	1.48	0.881	0.369	0.359	1.18 E	2.92	1.01 B	13
14	1.30 B	1.08 B	0.660B	16.2	2.42	1.29	0.977	0.359	0.402	1.10 E	2.17	0.930B	14
15	1.21 B	1.02 B	0.600B	15.6	2.09	1.08	1.09	0.353	0.349	1.03 E	1.95B	0.870B	15
16	1.10 B	0.930B	0.560B	15.6	1.85	0.967	1.05	0.349	0.369	0.960E	1.77B	0.805B	16
17	0.990B	0.870B	0.520B	17.1	1.54	0.909	1.06	0.350	0.374	0.901	1.62B	0.755B	17
18	0.920B	0.810B	0.500B	11.6	1.40	0.849	1.01	0.278	0.462	1.37	1.55	0.705B	18
19	0.870B	0.760B	0.700B	10.2	1.26	0.731	0.906	0.251	0.578	1.80	1.28	0.665B	19
20	1.40 B	0.710B	1.00 B	7.74	1.27	0.658	0.903	0.244	0.617	2.80	1.70	0.630B	20
21	1.92 B	0.670B	0.890B	6.23	1.44	0.577	0.957	0.257	0.659	2.97	3.49	1.11 B	21
22	1.75 B	0.630B	0.790B	5.77	1.41	0.539	0.920	0.227	0.708	2.43	4.34	1.02 B	22
23	0.700B	0.590B	0.600B	5.48	1.74	0.476	0.946	0.210	0.730	2.11	3.67	0.930B	23
24	1.41 B	0.560B	1.20 B	5.42	1.82	0.448	0.927	0.219	0.785	4.54	3.30	0.860B	24
25	1.31 B	0.530B	1.05 B	5.24	1.76	0.437	0.797	0.209	0.792	5.53	3.51	0.810B	25
26	1.22 B	0.720B	0.900B	4.57	1.45	0.429	0.666	0.199	0.687	5.03	4.13	0.760B	26
27	1.15 B	0.560B	1.17 B	3.94	1.24	0.403	0.632	0.212	0.974	4.23	4.16	0.900B	27
28	2.10 B	1.37 B	1.45 B	3.23	1.11	0.373	0.644	0.198	1.41	4.14	4.17	0.830B	28
29	3.50 B		1.90 B	3.07	0.966	0.374	0.609	0.184	1.82	3.71	3.67	0.775B	29
30	5.40 B		2.40 B	2.46	0.870	0.340	0.668	0.212	1.84	3.28	3.36	0.720B	30
31	4.60 B		2.89		0.775		0.639	0.219		3.09		0.680B	31
TOTAL	53.800	40.930	40.848	235.29	58.131	24.214	26.716	11.893	17.011	70.881	78.45	36.945	TOTAL
MEAN	1.74	1.46	1.32	7.84	1.88	0.807	0.862	0.384	0.567	2.29	2.62	1.19	MEAN
MAX	5.40	3.90	3.20	17.4	3.86	1.68	1.09	0.632	1.84	5.53	4.34	2.68	MAX
MIN	0.700	0.530	0.500	2.46	0.775	0.340	0.428	0.184	0.213	0.901	1.24	0.630	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.90
MAXIMUM DAILY, 17.4 ON APR 13
MINIMUM DAILY, 0.184 ON AUG 29
MAXIMUM INSTANTANEOUS,
22.4 AT 14:32 NST ON APR 13

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 44 N
LONG 53 40 36 W
DRAINAGE AREA, 67.4 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 650	JUL	2 310
FEB	3 540	AUG	1 030
MAR	3 530	SEP	1 470
APR	20 300	OCT	6 120
MAY	5 020	NOV	6 780
JUN	2 090	DEC	3 180

TOTAL DISCHARGE, 60 000 dam^3

SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK - STATION NO. 02YS003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.554	1.20 B	3.27	2.00 B	0.836	0.277	0.676	0.955	0.326	0.983	0.833	1.02	1
2	0.809	0.807	1.83	4.32	0.787	0.297	1.18	1.45	0.341	0.912	0.719	0.906	2
3	0.748	0.505	1.26	4.84	0.696	1.33	0.756	0.954	0.337	0.744	0.645	0.837	3
4	0.562	0.410B	0.827	3.10	0.654	2.45	0.530	0.691	0.396	0.619	0.587	0.841	4
5	0.470B	0.350B	0.626	1.88	0.620	1.07	0.499	0.561	0.553	1.40	0.594	1.23	5
6	0.400B	0.277	0.452	1.24	0.782	0.755	0.494	0.471	0.607	5.70	0.605	1.04	6
7	0.350B	0.235B	0.375B	0.854	1.11	0.535	0.460	0.383	0.565	2.88	0.538	0.830B	7
8	0.315B	0.210B	0.330B	0.673	1.88	0.449	0.397	0.347	0.729	1.56	0.519	0.710B	8
9	0.271B	0.195B	0.285B	0.632	1.79	0.957	0.791	0.334	1.37	1.11	0.41[illegible]	0.630B	9
10	0.240B	0.180B	0.255B	0.673	1.40	0.927	2.25	0.304	0.956	1.24	2.75	0.565B	10
11	0.222B	0.166	0.228B	7.36	1.16	0.699	1.19	0.296	0.728	1.04	1.99	0.520B	11
12	0.207B	0.180B	0.210B	9.93	0.967	0.670	1.89	0.295	0.603	0.817	1.12	0.475B	12
13	0.194B	0.150B	0.190B	5.15	0.824	0.503	1.62	0.259	0.528	0.665	0.840B	0.440B	13
14	0.410B	0.142B	0.175B	5.87	0.722	0.410	0.989	0.262	0.554	0.610	0.720B	0.405B	14
15	0.380B	0.135B	0.165B	6.25	0.570	0.372	0.746	0.268	0.476	0.642	0.630B	0.380B	15
16	0.350B	0.130B	0.155B	6.11	0.472	0.322	0.673	0.252	0.345	0.695	0.541	0.355B	16
17	0.325B	0.125B	0.143B	8.83	0.400	0.316	0.593	0.269	1.25	0.575	0.505B	0.335B	17
18	0.305B	0.121B	0.135B	5.08	0.384	0.283	0.497	0.283	5.67	0.698	0.470B	0.318B	18
19	0.287B	0.118B	0.127B	2.54	0.348	0.266	0.424	0.293	2.94	0.630	0.440B	0.300B	19
20	0.390B	0.114B	0.800B	1.71	0.394	0.283	0.673	0.284	1.57	1.01	0.410B	0.380B	20
21	0.700B	0.170B	0.490B	1.61	0.753	0.286	1.15	0.302	1.09	1.17	0.385B	0.500B	21
22	0.580B	0.256	0.400B	1.94	0.754	0.299	0.850	0.303	0.841	1.05	0.370B	0.700B	22
23	0.470B	0.229	0.365B	2.00	0.792	0.275	0.623	0.320	0.691	1.47	0.355B	0.600B	23
24	0.415B	0.197B	0.330B	1.85	0.701	0.304	0.430	0.297	0.555	4.71	0.340B	0.510B	24
25	0.370B	0.182B	0.295B	1.65	0.537	0.298	0.299	0.294	0.484	3.95	0.560B	0.420B	25
26	0.340B	0.246	0.270B	1.38	0.445	0.300	0.257	0.325	0.441	2.23	2.03	0.363	26
27	0.320B	1.66	0.310B	1.17	0.377	0.326	0.244	0.326	2.80	1.35	1.53	0.635	27
28	1.20 B	2.47	0.375B	1.04	0.359	0.325	0.233	0.282	4.77	1.40	2.29	0.540B	28
29	6.78		0.430B	0.965	0.313	0.341	0.263	0.299	2.13	1.54	1.59	0.460B	29
30	2.62		0.540B	0.908	0.296	0.347	1.23	0.340	1.36	1.21	1.14	0.380	30
31	1.94		0.900B		0.301		1.27	0.337		1.01		0.326	31
TOTAL	23.524	11.140	16.343	94.655	22.404	16.282	24.177	12.616	38.006	45.880	26.528	17.951	TOTAL
MEAN	0.759	0.398	0.527	3.16	0.723	0.543	0.780	0.407	1.20	1.48	0.884	0.579	MEAN
MAX	6.78	2.47	3.27	9.93	1.88	2.45	2.25	1.45	5.67	5.70	2.75	1.23	MAX
MIN	0.194	0.114	0.127	0.632	0.296	0.266	0.233	0.252	0.326	0.575	0.340	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.952
MAXIMUM DAILY, 9.93 ON APR 12
MINIMUM DAILY, 0.114B ON FEB 20
MAXIMUM INSTANTANEOUS,
14.2 AT 20:26 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 25 N
LONG 53 58 50 W
DRAINAGE AREA, 36.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 030	JUL	2 090
FEB	962	AUG	1 090
MAR	1 410	SEP	3 110
APR	8 180	OCT	3 960
MAY	1 940	NOV	2 290
JUN	1 410	DEC	1 550

TOTAL DISCHARGE, 30 000 dam³

SPOUT COVE BROOK NEAR SPOUT COVE - STATION NO. 02ZL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.389	0.808	1.49	1.71	0.220	0.131	0.293	0.145	0.041	0.240	0.307	0.415	1
2	0.699	0.565	1.08	1.65	0.213	0.131	0.258	0.145	0.037	0.229	0.260	0.347	2
3	0.619	0.437	1.10	2.90	0.216	0.167	0.237	0.164	0.034	0.214	0.243	0.317B	3
4	0.525	0.360	0.805	2.11	0.200	0.217	0.241	0.177	0.038	0.196	0.221	0.282B	4
5	0.441	0.306	0.615	1.09	0.186	0.201	0.234	0.173	0.038	0.222	0.244	0.391	5
6	0.388	0.286	0.534	0.693	0.231	0.195	0.217	0.175	0.042	0.422	0.207	0.457	6
7	0.342	0.261B	0.426	0.526	0.245	0.173	0.200	0.151	0.048	0.394	0.230	0.307	7
8	0.284	0.234B	0.393	0.419	0.357	0.165	0.192	0.141	0.049	0.337	0.218	0.260B	8
9	0.250	0.217	0.335	0.361	0.452	7.36	0.187	0.130	0.057	0.292	0.209	0.230B	9
10	0.230B	0.206	0.284	0.364	0.396	2.47	0.171	0.131	0.056	0.250	0.572	0.210B	10
11	0.212B	0.186	0.273	3.97	0.374	0.723	0.165	0.158	0.051	0.231	0.612	0.196B	11
12	0.203B	0.183	0.354	4.91	0.344	0.459	0.146	0.155	0.046	0.216	0.383	0.183B	12
13	0.195B	0.172B	0.371	1.28	0.301	0.344	0.143	0.150	0.047	0.192	0.347	0.178B	13
14	0.193	0.163B	0.322	0.841	0.280	0.275	0.141	0.128	0.051	0.184	0.316	0.168B	14
15	0.219	0.159	0.277	0.709	0.256	0.245	0.129	0.114	0.049	0.203	0.292	0.162B	15
16	0.182B	0.312	0.260B	0.573	0.225	0.226	0.123	0.102	0.042	0.189	0.430	0.158B	16
17	0.166B	0.337	0.245	0.783	0.206	0.207	0.127	0.090	0.058	0.167	0.303	0.154B	17
18	0.182B	0.273	0.219	0.818	0.202	0.223	0.121	0.079	0.163	0.280	0.261	0.151B	18
19	0.198B	0.239	0.208	0.545	0.191	0.195	0.110	0.077	0.209	0.457	0.252	0.148B	19
20	0.234	0.211	0.485	0.388	0.171	0.183	0.110	0.073	0.174	0.378	0.248B	0.146B	20
21	2.27	0.195	0.964	0.315	0.179	0.165	0.166	0.065	0.148	0.310	0.245	0.168	21
22	2.19	0.188B	0.716	0.285	0.178	0.155	0.178	0.057	0.145	0.279	0.563	0.169	22
23	1.17	0.179B	0.532	0.279	0.178	0.154	0.161	0.051	0.138	0.257	0.719	0.162	23
24	0.718	0.174	0.484	0.274	0.179	0.155	0.155	0.050	0.122	0.343	0.551	0.146	24
25	0.494	0.171	0.524	0.272	0.169	0.153	0.141	0.047	0.116	0.412	1.16	0.143	25
26	0.401	0.210	0.447	0.263	0.187	0.143	0.135	0.055	0.110	0.367	1.11	0.134	26
27	0.348	0.305	0.450	0.254	0.181	0.134	0.106	0.059	0.172	0.287	0.681	0.155	27
28	0.615	0.787	0.959	0.250	0.149	0.120	0.081	0.052	0.443	0.424	0.681	0.158	28
29	2.58		1.16	0.235	0.148	0.235	0.066	0.055	0.344	0.505	0.534	0.147	29
30	1.58		0.885	0.224	0.144	0.350	0.105	0.051	0.279	0.421	0.448	0.139	30
31	0.994		1.06		0.131		0.145	0.046		0.336		0.134B	31
TOTAL	19.521	8.134	18.257	26.311	7.050	16.055	4.984	3.255	3.347	9.234	12.747	6.514	TOTAL
MEAN	0.630	0.291	0.589	0.877	0.227	0.535	0.161	0.105	0.112	0.298	0.425	0.210	MEAN
MAX	2.58	0.808	1.49	4.91	0.452	7.36	0.293	0.177	0.443	0.505	1.16	0.457	MAX
MIN	0.166	0.159	0.208	0.224	0.131	0.120	0.066	0.046	0.034	0.167	0.207	0.134	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.379
MAXIMUM DAILY, 7.36 ON JUN 9
MINIMUM DAILY, 0.034 ON SEP 3
MAXIMUM INSTANTANEOUS,
15.9E AT 13:33 NST ON JUN 9

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 48 43 N
LONG 53 08 15 W
DRAINAGE AREA, 10.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 690	JUL	431
FEB	703	AUG	281
MAR	1 580	SEP	289
APR	2 530	OCT	798
MAY	609	NOV	1 100
JUN	1 390	DEC	563

TOTAL DISCHARGE, 12 000 dam³

NEWFOUNDLAND AND LABRADOR

ST. SHOTTS RIVER NEAR TREPASSEY - STATION NO. 02ZN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	0.780B	3.88 B	1.70	0.449	0.217	1.52	1.57	0.706	0.515	0.756	1.59	1
2	2.35 B	0.620B	3.10 B	1.26	0.430	0.178	1.01	1.58	0.543	0.926	0.575	0.858	2
3	1.75 B	0.500B	4.85 B	2.42	0.404	0.177	1.21	1.44	0.433	0.761	0.610	0.560B	3
4	1.40 B	0.430B	3.00 B	2.13	0.381	0.220	1.06	1.07	0.316	0.611	0.482	1.70	4
5	1.70 B	0.365B	1.80 B	1.33	0.433	0.171	0.823	1.51	0.272	1.33	0.639	2.12	5
6	2.00 B	0.315B	2.00 B	0.866	0.530	0.282	0.769	1.16	0.241	2.65	0.691	0.920B	6
7	1.35 B	0.280B	1.55 B	0.877	0.713	0.283	1.14	0.849	0.225	1.89	0.716	0.640B	7
8	1.00 B	0.245B	1.21 B	0.624	0.789	0.266	0.755	0.643	0.198	1.33	0.736	0.453	8
9	0.760B	0.215B	0.970B	0.517	0.636	0.652	0.612	0.500	0.225	0.838	0.699	0.375B	9
10	0.510B	0.195B	0.780B	0.461	0.488	0.867	0.515	0.595	0.225	0.972	2.10	0.330B	10
11	0.380B	0.178B	0.555B	8.57 E	0.428	0.633	0.394	0.572	0.204	0.873	1.73	0.290B	11
12	0.275B	0.163B	1.32 B	4.99 E	0.573	0.582	0.353	0.485	0.263	0.565	1.20	0.260B	12
13	0.220B	0.150B	1.02 B	2.77	0.394	0.430	0.305	0.413	0.327	0.581	0.984	0.235B	13
14	0.275B	0.138B	0.830B	2.02	0.202	0.341	0.256	0.341	0.407	0.462	1.01	0.214B	14
15	0.310B	0.127B	0.670B	1.49	0.164	0.373	0.257	0.285	0.353	0.437	0.880B	0.197B	15
16	0.235	0.600B	0.550B	1.50	0.156	0.285	0.227	0.248	0.267	0.713	1.01 B	0.186B	16
17	0.182B	4.00 B	0.430B	2.77	0.144	0.268	0.224	0.240	1.20	0.785	1.16	0.175B	17
18	0.160B	1.80 B	0.350B	2.19	0.139	1.79	0.213	0.213	2.35	1.57	1.52	0.164B	18
19	0.145B	1.24 B	0.300B	1.39	0.137	1.35	0.193	0.188	1.42	1.60	1.33	0.155B	19
20	7.00 B	0.900B	0.900B	1.07	0.179	0.924	0.481	0.242	0.936	1.25	1.22 B	0.148B	20
21	5.40 B	0.680B	2.45 E	1.01	0.426	0.769	0.555	0.348	0.736	0.843	1.19 B	0.300B	21
22	2.82	0.560B	1.70 E	0.910	0.469	0.580	0.665	0.236	0.516A	0.667	7.66	0.901	22
23	1.35	0.450B	1.20 E	0.776	0.482	0.493	0.714	0.205	0.460	0.550	4.59 E	0.690	23
24	0.940B	0.400B	0.862A	0.681	0.397	0.373	0.5[illegible]	0.185	0.423	0.517	3.61	0.566	24
25	0.780B	0.385B	0.784	0.607	0.544	0.384	0.317	0.181	0.405	0.631	4.83 E	0.434	25
26	1.10 B	0.900B	0.740B	0.547	0.397	0.406	0.263	0.200	0.298	0.453	2.34	0.357	26
27	1.60 B	1.85 B	0.687	0.619	0.305	0.351	0.264	0.225	0.622	0.407	2.24	0.586	27
28	2.20 B	3.50 B	11.3 E	0.648	0.277	0.279	0.244	0.265	0.664	1.61	3.21	0.500B	28
29	3.07		6.83 E	0.707	0.244	1.77	0.582	1.03	0.558	2.09	2.04	0.405B	29
30	1.64		2.93	0.533	0.213	1.98	1.64	1.33	0.407	1.41	1.76	0.342	30
31	1.18		2.16		0.205		1.72	0.941		1.22		0.310B	31
TOTAL	45.102	21.946	61.478	47.983	11.728	17.674	19.805	19.280	16.200	31.057	53.508	16.761	TOTAL
MEAN	1.45	0.784	1.98	1.60	0.378	0.589	0.639	0.622	0.540	1.00	1.78	0.541	MEAN
MAX	7.00	4.00	11.3	8.57	0.789	1.98	1.72	1.58	2.35	2.65	7.66	2.12	MAX
MIN	0.145	0.127	0.300	0.461	0.137	0.171	0.193	0.181	0.198	0.407	0.482	0.148	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.993
MAXIMUM DAILY, 11.3E ON MAR 28
MINIMUM DAILY, 0.127B ON FEB 15
MAXIMUM INSTANTANEOUS,
17.6E AT 20:30 NST ON MAR 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 32 N
LONG 53 29 24 W
DRAINAGE AREA, 15.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 900	JUL	1 710
FEB	1 [illegible]	AUG	1 670
MAR	5 [illegible]	SEP	1 400
APR	4 15[illegible]	OCT	2 680
MAY	1 010	NOV	4 620
JUN	1 530	DEC	1 450

TOTAL DISCHARGE, 31 300 dam³

STE. GENEVIEVE RIVER NEAR FORRESTERS POINT - STATION NO. 02YA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	6.90B	3.38B	4.30B	23.3	10.9	7.94	3.40	1.57	2.10	2.25B	3.25B	1
2	2.91B	6.70B	3.30B	4.20B	23.4	10.8	7.48	3.29	1.64	2.11	2.42B	3.15B	2
3	2.84B	6.50B	3.20B	4.10B	24.1	11.8	7.25	3.20	1.75	2.06	2.68B	3.05B	3
4	2.78B	6.30B	3.15B	4.04B	23.9	14.4	7.13	3.12	1.73	2.02	2.89B	3.20B	4
5	2.68B	6.10B	3.10B	3.95B	22.8	16.1	6.91	3.00	1.74	2.02	2.78B	3.50B	5
6	2.60B	6.00B	3.00B	3.88B	22.3	15.5	6.65	2.79	1.77	2.16	2.68B	3.80B	6
7	2.51B	5.80B	2.95B	3.80B	21.3	14.4	6.31	2.76	1.71	2.23	2.55B	3.68B	7
8	2.47B	5.67B	2.90B	3.73B	21.1	14.3	5.98	2.85	1.71	2.25	2.45B	3.60B	8
9	2.40B	5.53B	2.80B	3.65B	20.1	15.7	5.92	2.97	1.66	2.54	2.35B	3.52B	9
10	2.33B	5.40B	2.75B	3.60B	19.4	15.2	5.95	3.05	1.68	2.78	2.24B	3.45B	10
11	2.28B	5.20B	2.70B	3.95B	18.8	16.8	5.91	3.08	1.68	2.68	3.01B	3.38B	11
12	2.25B	5.10B	2.65B	4.30B	17.9	16.8	5.85	3.11	1.60	2.31	3.00B	3.30B	12
13	2.35B	5.00B	2.60B	5.00B	17.1	15.7	5.61	2.89	1.86	2.37	2.89B	3.20B	13
14	2.58B	4.90B	2.55B	6.00B	16.5	14.5	5.36	2.69	1.80	2.26	2.72B	3.10B	14
15	2.49B	4.70B	2.50B	7.20B	16.0	14.2	5.28	2.56	1.78	2.54	2.60B	3.03B	15
16	2.41B	4.60B	2.45B	8.60B	15.7	14.6	5.18	2.45	1.79	2.67	2.50B	2.95B	16
17	2.33B	4.50B	2.40B	9.70B	15.6	14.1	5.10	2.42	1.77	2.66	2.42B	2.88B	17
18	2.32B	4.40B	2.35B	10.5 B	15.3	13.6	4.95	2.36	1.75	2.69	2.35B	2.80B	18
19	2.29B	4.21B	2.60B	10.2 B	16.2	12.3	4.73	2.34	1.70	2.83	2.28B	2.72B	19
20	2.25B	4.08B	4.30B	9.50B	16.7	11.8	4.58	2.35	1.70	2.49	2.22B	2.68B	20
21	2.20B	4.03B	4.25B	10.9	16.2	11.3	4.47	2.31	1.68	2.36	2.15B	2.62B	21
22	2.19B	3.98B	4.13B	12.3	15.5	10.8	4.20	2.22	1.92	2.36	2.11B	2.58B	22
23	2.13B	3.88B	4.08B	13.6	15.0	10.6	3.88	2.14	2.27	2.28	2.05B	2.50B	23
24	2.09B	3.80B	3.95B	15.1	14.7	10.0	3.79	2.09	2.47	2.35	2.40B	2.68B	24
25	2.05B	3.70B	3.83B	16.7	14.4	9.61	3.72	2.00	2.52	2.18	2.70B	2.95B	25
26	2.02B	3.60B	3.74B	18.8	13.6	9.27	3.73	2.02	2.39	2.10B	3.10B	3.30B	26
27	2.00B	3.51B	3.65B	21.4	12.4	9.00	3.75	2.03	2.41	2.03B	3.35B	3.60B	27
28	1.98B	3.45B	3.57B	21.7	12.4	8.73	3.73	1.97	2.31	1.98B	3.55B	4.00B	28
29	3.30B		3.50B	24.8	11.7	8.55	3.70	1.79	2.21	1.92B	3.41B	3.82B	29
30	5.40B		3.40B	24.0	11.7	8.35	3.65	1.85	2.06	1.89B	3.35B	3.72B	30
31	7.00B		3.90B		11.4		3.54	1.62		2.05B		3.63B	31
TOTAL	82.43	137.54	99.63	293.80	536.5	378.71	182.33	78.48	56.63	71.24	79.45	99.64	TOTAL
MEAN	2.66	4.91	3.21	9.78	17.3	12.6	5.24	2.53	1.89	2.30	2.65	3.21	MEAN
MAX	7.00	6.90	4.30	24.8	24.1	16.8	7.94	3.40	2.52	2.83	3.55	4.00	MAX
MIN	1.98	3.45	2.35	3.60	11.4	8.35	3.54	1.62	1.57	1.89	2.05	2.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.69
MAXIMUM DAILY, 24.8 ON APR 29
MINIMUM DAILY, 1.57 ON SEP 1
MAXIMUM INSTANTANEOUS,
25.1 AT 16:35 NST ON MAY 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 18 N
LONG 56 47 32 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 120	JUL	14 000
FEB	11 900	AUG	6 780
MAR	8 610	SEP	4 890
APR	25 400	OCT	6 160
MAY	46 400	NOV	6 870
JUN	32 700	DEC	8 610

TOTAL DISCHARGE, 179 000 dam³

TERRA NOVA AT GLOVERTOWN - STATION NO 02YS005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.9	115	25.0B	35.9	101	25.3	21.2	17.8	11.5	37.3	64.5	45.1	1
2	24.3	127	26.5B	40.7	91.9	25.4	24.2	19.0	10.9	37.7	59.7	45.8	2
3	24.3	126	28.0B	47.6	85.8	30.2	21.3	18.8	10.5	36.8	54.8	46.6	3
4	25.3	124	29.7B	56.7	82.0	42.5	19.2	18.2	11.1	35.4	50.6	46.3	4
5	26.0	125 E	31.5B	62.7	75.9	42.2	19.3	18.0	11.7	35.8	52.3	49.3	5
6	26.3	123	30.5B	66.9	68.2	39.2	18.7	17.3	11.4	50.4	47.7	47.5	6
7	27.4	104	29.1B	68.7	66.9	38.2	18.1	15.9	11.5	49.5	42.2	44.0B	7
8	29.5	97.0	28.0B	71.3	61.6	37.0	18.0	15.6	12.1	50.0	41.5	42.0B	8
9	27.6	88.1	26.5B	71.3	62.0	41.1	18.8	15.8	13.7	51.4	38.7	40.0B	9
10	27.2	82.3	25.5B	70.7	61.5	43.1	20.9	15.3	12.1	49.2	49.9	38.5B	10
11	26.7	67.8	24.5B	69.0	56.5	39.2	21.1	14.8	10.9	48.1	49.1	37.0B	11
12	26.0	56.0B	23.7B	108	50.8	37.6	22.0	15.2	10.8	53.6	40.8	35.5B	12
13	25.5	50.0B	22.9B	153	46.9	37.4	21.7	15.3	10.7	44.4	39.7	34.2B	13
14	24.5B	44.0B	22.0B	186	47.0	36.6	20.6	15.1	10.8	42.5	54.1	33.0B	14
15	23.9B	40.0B	21.1B	216	45.4	34.3	19.5	14.6	10.8	44.5	26.8	31.8B	15
16	23.2B	37.0B	20.5B	239	43.7	33.9	18.8	14.0	10.5	42.8	35.2	30.6B	16
17	22.6B	34.5B	19.8B	258	39.6	32.0	18.9	13.7	13.0	38.8	34.5	29.5B	17
18	22.1B	32.0B	19.2B	297	39.5	32.9	19.3	13.2	21.4	38.6	34.9	28.4B	18
19	21.8B	29.5B	18.7B	309	38.7	28.1	19.0	13.2	17.1	41.1	34.6	27.4B	19
20	25.8	27.7B	21.7B	305	33.7	26.5	19.3	12.7	15.3	40.4	33.9	26.4B	20
21	34.1	26.7B	24.5B	283	33.6	25.7	20.6	12.5	15.4	40.6	34.5	25.6B	21
22	37.4	25.0B	28.3	251	34.0	25.4	20.9	12.4	15.5	40.7	34.4	24.9B	22
23	38.1	23.8B	27.4	220	34.1	24.8	19.4	12.2	16.2	42.5	36.3	24.0B	23
24	39.8	22.8B	27.0B	192	33.6	24.3	18.3	11.9	17.4	50.7	35.3	23.3B	24
25	42.1	22.0B	26.3B	170	31.0	24.1	19.7	11.4	18.1	58.8	39.3	22.8B	25
26	44.9	21.7B	25.8B	152	30.1	23.0	19.1	11.1	17.9	63.4	39.2	22.3B	26
27	48.8	23.0B	25.0B	137	30.3	21.9	18.2	11.5	26.7	60.5	39.3	25.5B	27
28	60.8	24.0B	29.4	125	28.3	20.4	17.5	11.5	35.9	61.4	43.6	24.8B	28
29	86.6		31.9	118	27.5	20.6	16.9	12.1	38.8	65.9	42.2	24.0B	29
30	91.4		32.3	107	27.0	20.5	18.7	11.8	36.7	68.4	43.3	23.2B	30
31	108		32.7		26.4		18.7	11.5		63.3		22.8B	31
TOTAL	1 134.9	1 718.9	805.0	4 487.5	1 534.5	934.4	608.9	443.4	483.4	1 483.8	1 272.9	1 022.1	TOTAL
MEAN	36.6	61.4	26.0	150	49.5	31.1	19.6	14.3	16.1	47.9	42.4	33.0	MEAN
MAX	108	127	32.7	309	101	43.1	24.2	19.0	36.7	68.4	64.5	49.3	MAX
MIN	21.8	21.7	18.7	35.9	26.4	20.4	16.9	11.1	10.5	35.4	26.8	22.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.6
MAXIMUM DAILY, 309 ON APR 19
MINIMUM DAILY, 10.5 ON SEP 3
MAXIMUM INSTANTANEOUS,
311 AT 19 30 NST ON APR 18

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 43 N
LONG 54 01 05 W
DRAINAGE AREA, 2 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	98 100	JUL	52 600
FEB	149 000	AUG	38 300
MAR	69 600	SEP	41 800
APR	388 000	OCT	128 000
MAY	133 000	NOV	110 000
JUN	80 700	DEC	88 300

TOTAL DISCHARGE, 1 380 000 dam³

TIDES BROOK BELOW FRESHWATER POND - STATION NO 02ZG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.83	15.8	9.14	28.1	9.24	2.04	6.40	3.55	2.57	5.41	7.07	16.6	1
2	13.6	13.5	11.0	26.7	8.31	2.26	6.19	4.29	2.56	4.96	6.46	14.3	2
3	13.4	11.5	12.1	28.4	7.71	4.22	5.88	4.20	2.33	4.61	5.79	12.2	3
4	12.9	10.1	12.6	27.5	7.08	7.38	6.00	4.02	2.23	4.30	5.40	12.7	4
5	14.9	8.82	11.9	23.4	6.35	7.34	5.78	3.98	2.21	6.81	5.75	13.7	5
6	13.7	8.23	10.7	19.3	5.79	6.78	5.35	3.79	2.19	11.7	5.79	12.4	6
7	12.6	7.38	9.59	15.9	5.26	6.37	4.93	3.57	2.12	11.3	5.68	11.1	7
8	10.6	6.58	8.72	13.3	4.81	6.03	4.62	3.27	2.52	10.7	5.42	9.56	8
9	9.13	5.82	7.72	11.4	4.43	14.5	4.23	3.02	3.29	9.89	5.50	7.71	9
10	8.06	5.28	6.79	16.3	4.24	20.0	3.87	2.80	3.37	8.63	14.6	7.63	10
11	7.28	4.78	6.10	46.1	3.86	17.7	3.58	2.64	3.31	7.76	17.0	6.78	11
12	6.49	4.30	6.58	53.2	3.30	15.1	3.26	2.48	3.76	7.01	15.4	6.13	12
13	6.01	4.05	7.30	46.8	3.08	13.1	3.07	2.31	5.02	6.16	13.6	5.87	13
14	5.55B	3.73B	7.05	40.9	3.06	11.3	2.77	2.13	5.24	5.63	12.1	5.35B	14
15	5.10B	3.55B	6.45	43.4	2.84	9.84	2.57	1.98	5.15	5.95	10.4	5.02B	15
16	4.85B	3.32B	6.18	68.4	2.71	8.62	2.51	1.84	4.92	5.63	9.15	4.75B	16
17	4.50B	3.13B	5.80	110	2.64	8.05	2.40	1.71	7.77	5.32	8.71	4.45B	17
18	4.25B	2.98B	5.30	92.9	2.40	7.32	2.27	1.63	11.8	6.99	8.44	4.20B	18
19	4.02B	2.82B	5.00	67.9	2.34	6.57	2.12	1.54	11.3	9.14	8.04	3.97	19
20	6.20B	2.70B	7.22	47.4	2.17	6.00	3.87	1.44	10.2	8.85	7.69	3.87	20
21	15.8	2.58B	11.9	35.3	2.42	5.37	5.78	1.40	9.11	8.32	7.32	4.09	21
22	21.4	2.45B	13.3	27.4	2.60	4.91	5.80	1.37	8.08	7.54	11.1	4.03	22
23	19.6	2.33B	12.1	21.6	2.68	4.52	5.59	1.26	7.06	7.01	13.5	3.90	23
24	16.4	2.25B	11.2	18.1	2.69	4.23	5.15	1.20	6.36	7.76	13.4	3.74	24
25	13.6	2.18B	11.2	15.3	2.67	3.90	4.76	1.35	6.12	8.00	20.0	3.45	25
26	11.2	2.87	10.3	13.3	2.54	3.48	4.26	1.75	5.86	7.49	21.3	3.54	26
27	10.0	3.69	9.90	12.0	2.39	3.20	3.88	1.66	6.04	6.83	21.1	5.22	27
28	11.9	5.46	18.2	12.0	2.30	3.07	3.55	1.81	6.48	7.87	25.5	5.51	28
29	17.8		30.9	11.1	2.24	4.51	3.24	2.20	6.13	8.66	22.4	5.37	29
30	18.0		30.3	10.2	2.17	5.12	3.22	2.65	5.68	8.44	19.1	5.10	30
31	17.1		27.8		2.10		3.09	2.60		7.54		4.63	31
TOTAL	344.57	152.58	350.34	1 003.8	118.22	223.83	129.99	75.44	160.78	232.20	352.71	216.97	TOTAL
MEAN	11.1	5.45	11.3	33.5	3.81	7.46	4.19	2.43	5.36	7.49	11.8	7.00	MEAN
MAX	21.4	15.8	30.9	110	9.24	20.0	6.40	4.29	11.8	11.7	25.5	16.6	MAX
MIN	4.02	2.18	5.00	10.2	2.10	2.04	2.12	1.20	2.12	4.30	5.40	3.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 110 ON APR 17
MINIMUM DAILY, 1.20 ON AUG 24
MAXIMUM INSTANTANEOUS,
113 AT 11:32 NST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 38 N
LONG 55 15 54 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 800	JUL	11 200
FEB	13 200	AUG	6 520
MAR	30 300	SEP	13 900
APR	86 700	OCT	20 100
MAY	10 200	NOV	30 500
JUN	19 300	DEC	18 700

TOTAL DISCHARGE, 290 000 dam³

TORRENT RIVER AT BRISTOL'S POOL - STATION NO. 02YC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.18B	22.8 B	5.10B	3.90B	103	18.5	10.5	5.50	6.10E	11.7	12.7	10.2	1
2	6.30B	21.2 B	4.90B	3.75B	79.9	18.0	9.95	5.59	5.80E	11.7	14.6	9.77	2
3	6.30B	19.8 B	4.75B	4.00B	68.2	19.2	9.34	5.67	5.80E	11.7	16.7	9.54	3
4	6.18B	18.2 B	4.60B	4.35B	72.6	23.4A	8.72	5.96A	5.80E	12.1	18.7	9.59	4
5	6.02B	17.2 B	4.49B	4.90B	76.0	29.0E	8.58	6.20E	5.70E	13.0	19.9	9.43	5
6	5.98B	16.1 B	4.30B	5.80B	66.9	33.0E	8.52	6.70E	5.50E	12.8	20.0	9.39	6
7	5.83B	15.0 B	4.20B	6.80B	55.6	40.0E	7.92	7.20E	5.30E	12.8	19.3	9.19	7
8	5.70B	14.0 B	4.10B	7.07B	45.4	46.0E	7.78	7.80E	5.15E	13.2	18.5	8.80B	8
9	5.60B	13.2 B	3.95B	7.15B	38.8	50.9	7.71	8.60E	5.00E	14.1	17.4	8.60B	9
10	5.51B	12.5 B	3.84B	7.30B	34.2	53.7A	7.65	9.40E	4.80E	14.8	17.3	8.40B	10
11	5.43B	11.8 B	3.75B	8.25B	30.0	48.0E	7.44	10.4 E	4.75E	15.1	17.5	8.20B	11
12	5.39B	11.0 B	3.65B	9.30	27.0	44.0E	7.33	11.5 E	4.79E	15.9	18.3	8.00B	12
13	5.27B	10.3 B	3.60B	10.1	25.4	39.0E	7.39	13.0 E	4.80E	16.4	19.1	7.80B	13
14	5.50B	9.80B	3.50B	14.9	24.6	36.0E	7.35	14.5 E	4.81E	16.8	19.7	7.60B	14
15	5.88B	9.30B	3.45B	28.4	25.2	32.0E	7.34	15.5 E	4.83A	18.0	19.3	7.50B	15
16	6.80B	8.90B	3.35B	56.7 A	28.3	30.0E	7.32	14.8 E	4.85	18.7	18.5	7.30B	16
17	6.40B	8.50B	3.33B	80.0 E	34.3	27.2A	7.28	13.5 E	4.92	20.5	17.4	7.10B	17
18	6.20B	8.10B	3.20B	90.0 E	40.6	25.1	7.19	12.3 E	4.99	22.1	16.4	7.00B	18
19	6.00B	7.70B	3.15B	76.0 E	45.1	22.9	6.79	11.0 E	5.41	23.1	15.6	6.90B	19
20	5.85B	7.30B	3.34B	64.0 E	53.8	21.2	6.47	9.80E	6.16	22.9	14.6	6.80B	20
21	5.70B	6.98B	3.65B	52.0 E	59.8	20.0	6.42	8.90E	6.95	21.7	13.7	6.60B	21
22	5.65B	6.70B	4.17B	56.2 A	55.2	18.9	6.21	8.20E	7.54	20.5	12.9	6.40B	22
23	5.59B	6.48B	4.05B	73.0	47.7	17.8	5.93	7.60E	8.42	19.2	12.3	6.30B	23
24	5.45B	6.20B	3.95B	101	40.4	16.5	5.78	7.00E	9.08	18.0	11.5	6.20B	24
25	5.39B	5.90B	3.82B	135	34.0	15.4	5.41	6.80E	9.76	15.2	10.9	6.10B	25
26	5.30B	5.70B	3.70B	165	29.6	14.2	5.23	6.60E	10.4	14.2	10.6	6.00B	26
27	5.25B	5.50B	3.61B	176	26.3	13.1	5.29	6.55E	10.9	13.0	10.6	5.90B	27
28	7.00B	5.38B	3.51B	156	24.0	12.3	5.30	6.60E	10.7	11.7	10.6	5.80B	28
29	12.0 B		3.45B	129	21.9	12.1	5.27	6.60E	11.0	11.1	10.5	5.70B	29
30	17.0 B		3.74B	121	20.4	11.4	5.30	6.60E	11.1	11.1	10.3	5.60B	30
31	24.9 B		3.98B		19.4		5.31	6.40E		11.6		5.55B	31
TOTAL	217.65	311.54	120.18	1 656.87	1 353.6	808.9	220.03	272.77	201.11	484.7	465.4	233.26	TOTAL
MEAN	7.02	11.1	3.88	55.2	43.7	27.0	7.10	8.80	6.70	15.6	15.5	7.52	MEAN
MAX	24.9	22.8	5.10	176	103	53.7	10.5	15.5	11.1	23.1	20.0	10.2	MAX
MIN	5.25	5.38	3.15	3.75	19.4	11.4	5.23	5.50	4.75	11.1	10.3	5.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 176 ON APR 27
MINIMUM DAILY, 3.15B ON MAR 18
MAXIMUM INSTANTANEOUS,
178 AT 10:53 NST ON APR 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 27 N
LONG 57 09 04 W
DRAINAGE AREA, 624 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	19 000
FEB	26 900	AUG	23 600
MAR	10 400	SEP	17 400
APR	143 000	OCT	41 900
MAY	117 000	NOV	40 200
JUN	69 900	DEC	20 200

TOTAL DISCHARGE, 548 000 dam³

TROUT BROOK NEAR BELLEVUE - STATION NO. 02ZK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.90 B	1.80 B	9.00 B	5.26	0.753	0.262	1.32	0.370	0.137	1.27	1.54	2.89	1
2	4.80 B	1.20 B	11.0 B	4.71	0.565	0.316	1.19	0.534	0.122	1.06	1.31	2.22	2
3	2.92 B	0.960B	7.20 B	6.12	0.600	1.00	1.24	0.589	0.111	0.885	1.19	1.70	3
4	4.10 B	0.830B	3.20 B	4.79	0.563	1.14	1.28	0.465	0.098	0.742	1.07	1.59	4
5	2.90 B	0.750B	2.10 B	3.20	0.516	0.733	1.05	0.464	0.103	1.03	1.10	1.99	5
6	2.10 B	0.650B	1.85 B	2.24	0.852	0.921	0.868	0.410	0.116	1.31	0.989	1.42	6
7	1.58 B	0.590B	2.35 B	1.76	2.26	0.774	0.706	0.349	0.124	1.05	0.903	1.28 B	7
8	1.24 B	0.530B	1.30 B	1.28	1.82	0.765	0.644	0.307	0.120	0.882	0.905	1.12 B	8
9	1.06 B	0.495B	1.05 B	1.13	1.46	28.2 E	0.574	0.271	0.162	0.808	0.911	1.03 B	9
10	0.940B	0.460B	0.840B	1.16	1.20	10.4	0.623	0.421	0.154	0.717	6.38	0.950B	10
11	0.830B	0.425B	2.10 B	14.8	1.10	5.77	0.440	0.416	0.133	0.617	3.26	0.880B	11
12	0.760B	0.400B	3.50 B	8.83	0.879	3.84	0.403	0.351	0.130	0.578	2.41	0.825B	12
13	0.710B	0.380B	2.30 B	5.61	0.723	2.48	0.364	0.313	0.129	0.493	2.00	0.770B	13
14	1.53 B	0.350B	1.85 B	4.04	0.641	1.84	0.333	0.278	0.115	0.452	1.68	0.735B	14
15	3.41 B	0.332B	1.52 B	3.18	0.561	1.48	0.303	0.252	0.122	0.754	1.76	0.700B	15
16	2.70 B	2.30 B	1.30 B	2.68	0.472	1.15	0.310	0.219	0.121	0.856	1.55	0.670B	16
17	2.00 B	7.30 B	1.10 B	4.36	0.358	0.965	0.279	0.201	0.591	0.894	1.73	0.645B	17
18	1.40 B	3.70 B	0.940B	3.23	0.371	1.39	0.262	0.172	0.936	2.69	1.53	0.610B	18
19	2.35 B	1.80 B	0.800B	2.49	0.356	0.997	0.234	0.157	0.601	3.03	1.52	0.590B	19
20	4.00 B	1.24 B	4.15 B	1.87	0.288	0.769	0.451	0.152	0.468	2.27	1.71	0.580B	20
21	9.36	1.08 B	3.60 B	1.49	0.342	0.634	0.580	0.138	0.433	1.86	2.56	2.50 B	21
22	4.65	0.920B	2.40 B	1.30	0.370	0.554	0.500	0.123	0.402	1.52	6.23	1.95 B	22
23	3.19	0.830B	1.90 B	1.18	0.416	0.488	0.370	0.110	0.355	1.31	4.34	1.60 B	23
24	2.25	0.760B	1.60 B	1.04	0.404	0.485	0.294	0.105	0.357	2.94	3.27	1.40 B	24
25	1.80 B	0.720B	2.00 B	0.929	0.341	0.452	0.273	0.100	0.365	2.74	9.30	1.24 B	25
26	1.56 B	1.80 B	1.60 B	0.848	0.311	0.415	0.262	0.109	0.311	2.19	5.63	1.19 B	26
27	1.41 B	4.60 B	1.20 B	0.827	0.288	0.343	0.222	0.113	2.23	1.78	5.27	1.64 B	27
28	1.30 B	12.0 B	5.50	0.938	0.278	0.261	0.190	0.119	3.15	3.59	5.03 A	1.12 B	28
29	4.01		6.04	0.998	0.258	1.68	0.293	0.245	1.81	3.06	3.82 A	0.840B	29
30	2.82		4.06	0.916	0.240	1.63	0.606	0.224	1.45	2.37	2.96	0.680B	30
31	2.79		4.32		0.267		0.436	0.154		1.86		0.540B	31
TOTAL	79.170	49.302	93.670	93.206	20.115	71.905	16.800	8.232	15.446	47.398	83.658	37.895	TOTAL
MEAN	2.55	1.76	3.02	3.11	0.649	2.40	0.542	0.266	0.515	1.53	2.79	1.22	MEAN
MAX	9.36	12.0	11.0	14.8	2.26	28.2	1.32	0.589	3.15	3.59	9.30	2.89	MAX
MIN	0.710	0.332	0.800	0.827	0.240	0.261	0.190	0.100	0.098	0.452	0.903	0.540	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 28.2E ON JUN 9
MINIMUM DAILY, 0.098 ON SEP 4
MAXIMUM INSTANTANEOUS,
56.8E AT 10:32 NST ON JUN 9

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 21 N
LONG 53 45 53 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 840	JUL	1 450
FEB	4 260	AUG	711
MAR	8 090	SEP	1 330
APR	8 050	OCT	4 100
MAY	1 740	NOV	7 230
JUN	6 210	DEC	3 270

TOTAL DISCHARGE, 53 300 dam³

NEWFOUNDLAND AND LABRADOR

UGJOKTOK RIVER BELOW HARP LAKE - STATION NO 03NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.3B	22.2B	16.8B	13.2B	24.0B	600E	345E	263A	118E	121 E	80.0B	40.7B	1
2	32.9B	21.9B	16.6B	13.2B	25.9B	560E	338E	271E	117E	122 E	78.0B	39.9B	2
3	32.3B	21.7B	16.5B	13.1B	28.5B	530E	332E	269E	118E	128 E	76.2B	39.2B	3
4	31.8B	21.3B	16.3B	13.0B	31.2B	500E	322E	268E	120E	133 E	74.3B	38.5B	4
5	31.3B	21.0B	16.1B	12.9B	34.5B	478E	315E	263E	121E	139 E	72.4B	37.8B	5
6	30.8B	20.8B	16.0B	12.8B	39.0B	452E	303E	253E	122E	145 E	70.1B	37.1B	6
7	30.2B	20.5B	15.8B	12.7B	45.0B	433E	295E	243E	122E	152 E	69.0B	36.5B	7
8	29.9B	20.3B	15.6B	12.6B	53.0B	418E	288E	234E	121E	160 E	67.0B	36.1B	8
9	29.5B	20.1B	15.4B	12.6B	61.0B	395E	278E	223E	120E	165 E	65.4B	35.5B	9
10	29.1B	19.8B	15.3B	12.5B	74.0B	380E	270E	213E	118E	164 E	63.9B	34.8B	10
11	28.7B	19.7B	15.2B	12.4B	108 B	365E	260E	205E	118E	163 E	62.0B	34.2B	11
12	28.3B	19.5B	15.1B	12.4B	135 B	350E	252E	199E	114E	159 E	60.1B	33.5B	12
13	28.0B	19.4B	15.0B	12.3B	190 B	335A	248E	189E	113E	153 E	59.0B	33.0B	13
14	27.5B	19.2B	14.9B	12.3B	340 B	328E	240E	182E	114E	148 E	57.8B	32.5B	14
15	27.2B	18.9B	14.8B	12.2B	625	318E	235E	177E	118E	141 E	56.3B	32.0B	15
16	26.9B	18.8B	14.7B	12.2B	907	307E	228E	172E	122E	135 E	55.8B	31.5B	16
17	26.5B	18.7B	14.6B	12.1B	1 160	306E	222E	166E	127E	132 E	54.0B	31.0B	17
18	26.2B	18.5B	14.5B	12.1B	1 270	307E	218E	161E	133E	126 E	53.0B	30.5B	18
19	25.9B	18.2B	14.4B	12.0B	1 320 E	312E	211E	155E	134E	122 E	51.8B	30.0B	19
20	25.5B	18.0B	14.3B	12.0B	1 340 E	318E	207E	151E	145E	117 E	50.5B	29.5B	20
21	25.2B	17.9B	14.2B	12.5B	1 330 E	323E	202E	148E	145E	112 E	49.8B	29.0B	21
22	24.9B	17.8B	14.1B	13.0B	1 320 E	330E	199E	143E	142E	109 E	48.8B	28.6B	22
23	24.7B	17.6B	14.0B	13.7B	1 250 E	335E	198E	139E	136E	105 E	47.8B	28.1B	23
24	24.3B	17.4B	13.9B	14.7B	1 150 E	340E	198E	136E	132E	102 E	46.5B	28.0B	24
25	23.9B	17.3B	13.8B	15.5B	1 140 E	345E	200E	133E	126A	98.0E	45.8B	27.5B	25
26	23.7B	17.0B	13.7B	16.5B	950 E	345E	202E	128E	124E	95.0E	44.8B	27.0B	26
27	23.3B	16.9B	13.6B	17.5B	870 E	348E	210E	125E	123E	92.5B	44.0B	26.8B	27
28	23.2B	16.8B	13.5B	18.9B	800 E	350E	219E	122E	121E	90.0B	43.0B	26.3B	28
29	23.0B		13.4B	20.5B	740 E	351E	230E	119E	120E	87.5P	42.2B	26.0B	29
30	22.8B		13.3B	22.2B	690 E	349E	242E	117E	120E	85.0B	41.3B	25.6B	30
31	22.3B		13.3B		645 E		255E	116E		82.5B		25.1B	31
TOTAL	843.1	537.2	458.7	415.6	18 696.1	11 408	7 762	5 685	3 720	3 883.5	1 730.6	991.6	TOTAL
MEAN	27.2	19.2	14.8	13.9	603	380	250	183	124	125	57.7	32.0	MEAN
MAX	33.3	22.2	16.8	22.2	1 340	600	345	271	145	165	80.0	40.7	MAX
MIN	22.3	16.8	13.3	12.0	24.0	306	198	116	113	82.5	41.3	25.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 154
MAXIMUM DAILY, 1 340E ON MAY 20
MINIMUM DAILY, 12.0B ON APR 19

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 00 N
LONG 61 17 57 W
DRAINAGE AREA, 7 570 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 800	JUL	671 000
FEB	46 400	AUG	491 000
MAR	39 600	SEP	321 000
APR	35 900	OCT	336 000
MAY	1 620 000	NOV	150 000
JUN	986 000	DEC	85 700

TOTAL DISCHARGE, 4 860 000 dam^3

UNKNOWN RIVER AT LEWISPORTE - STATION NO 02YD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.261	0.494	0.278	0.497	0.330	0.126	0.021	0.066	0.057	0.218	0.160	0.213	1
2	0.286	0.400	0.265	0.735	0.273	0.139	0.080	0.078	0.051	0.216A	0.135	0.207	2
3	0.257B	0.345	0.252B	0.865	0.234	0.231	0.093	0.074	0.055	0.229E	0.141	0.191	3
4	0.237B	0.333	0.240B	0.891	0.235	0.471	0.075	0.063	0.080	0.280E	0.138	0.194	4
5	0.220B	0.316	0.228B	0.744	0.223	0.407	0.086	0.061	0.131	0.370E	0.163	0.216A	5
6	0.205B	0.306	0.218B	0.585	0.219	0.300	0.071	0.073	0.145	0.500E	0.093	0.205B	6
7	0.189B	0.280	0.208B	0.476	0.220	0.239	0.063	0.075	0.144	0.442E	0.114	0.195B	7
8	0.178B	0.263B	0.188B	0.377	0.219	0.220	0.068	0.072	0.147	0.390E	0.115	0.188B	8
9	0.168B	0.245B	0.188B	0.356	0.221	0.224	0.050	0.071	0.139	0.345E	0.125	0.178B	9
10	0.160B	0.235B	0.180B	0.362	0.213	0.218	0.023	0.076	0.145	0.307E	0.247	0.171B	10
11	0.152B	0.219B	0.173B	1.15	0.199	0.218	0.019	0.086	0.140	0.269E	0.209	0.163B	11
12	0.145B	0.208B	0.166B	1.46	0.200	0.226	0.024	0.091	0.135	0.239E	0.175	0.156B	12
13	0.140B	0.200	0.158B	1.40	0.176	0.217	0.029	0.101	0.145	0.211E	0.156	0.150B	13
14	0.150B	0.193B	0.152B	1.41	0.186	0.194	0.032	0.082	0.172	0.250E	0.206	0.144B	14
15	0.157B	0.185B	0.146B	1.54	0.171	0.181	0.036	0.078	0.164	0.320E	0.387	0.138B	15
16	0.151B	0.180B	0.140B	2.08	0.165	0.177	0.039	0.079	0.139	0.290E	0.146	0.133B	16
17	0.145B	0.174B	0.135B	2.09	0.147	0.170	0.046	0.075	0.206	0.248E	0.143	0.128B	17
18	0.141B	0.170B	0.131B	1.61	0.142	0.138	0.051	0.069	0.795	0.218E	0.137	0.123B	18
19	0.135B	0.168B	0.127B	1.19	0.126	0.109	0.055	0.071	0.587	0.192E	0.126	0.118B	19
20	0.189	0.162B	0.175B	0.778	0.155	0.098	0.052	0.066	0.450	0.178E	0.126	0.114B	20
21	0.288	0.159B	0.270B	0.604	0.165	0.085	0.061	0.066	0.360	0.164E	0.134	0.123B	21
22	0.292	0.175B	0.250B	0.578	0.159	0.094	0.066	0.061	0.288	0.152A	0.159	0.140B	22
23	0.244B	0.186	0.230B	0.577	0.163	0.085	0.054	0.068	0.287	0.145	0.154	0.152B	23
24	0.214B	0.213	0.218B	0.541	0.159	0.082	0.049	0.070	0.240	0.180	0.163	0.143B	24
25	0.188B	0.228	0.204B	0.516	0.144	0.054	0.065	0.071	0.213	0.241	0.175	0.137B	25
26	0.169B	0.235	0.190B	0.433	0.144	0.048	0.047	0.059	0.208	0.201	0.185	0.129B	26
27	0.205B	0.258	0.220B	0.446	0.141	0.047	0.052	0.080	0.235	0.151	0.208	0.123B	27
28	0.240B	0.255	0.251	0.414	0.181	0.043	0.057	0.058	0.280	0.151	0.234	0.119B	28
29	0.295B		0.277	0.387	0.227	0.045	0.048	0.062	0.260	0.158	0.232	0.113B	29
30	0.389		0.279	0.367	0.199	0.045	0.053	0.060	0.218	0.165	0.228	0.108B	30
31	0.459		0.350		0.151		0.050	0.058		0.150		0.104B	31
TOTAL	6.629	6.763	6.497	25.459	5.886	4.936	1.585	2.190	6.596	7.566	5.114	4.714	TOTAL
MEAN	0.214	0.242	0.210	0.849	0.190	0.165	0.051	0.071	0.220	0.244	0.170	0.152	MEAN
MAX	0.459	0.494	0.350	2.09	0.330	0.471	0.093	0.101	0.795	0.500	0.387	0.216	MAX
MIN	0.135	0.159	0.127	0.356	0.126	0.043	0.019	0.058	0.051	0.145	0.093	0.104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.230
MAXIMUM DAILY, 2.09 ON APR 18
MINIMUM DAILY, 0.019 ON JUL 11
MAXIMUM INSTANTANEOUS,
2.49 AT 19:15 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 02 N
LONG 55 03 58 W
DRAINAGE AREA, 15.5 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	573	JUL	138
FEB	586	AUG	189
MAR	561	SEP	570
APR	2 200	OCT	654
MAY	509	NOV	442
JUN	427	DEC	407

TOTAL DISCHARGE, 7 280 dam^3

UPPER HUMBER RIVER NEAR REIDVILLE - STATION NO. 02YL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	80.0	255 E	28.2B	46.2B	283	46.7	11.3	4.21	12.2	31.5	31.8	23.0	1
2	70.3	223 E	27.0B	57.0B	230	60.3	10.6	4.77	11.5	35.0	37.4	21.5	2
3	60.5	192 E	25.5B	71.2B	211	150	10.1	5.15	12.5	45.1	43.0	21.0	3
4	51.5	176 E	24.0B	100 B	248	197	10.3	5.35	13.4	42.9	49.9	19.0	4
5	45.3	147 B	22.5B	88.0B	282	188	15.9	5.03	15.2	49.9	54.2	18.3	5
6	40.5B	129 B	21.3B	74.0B	214	145	21.1	4.79	16.5	70.9	53.0	16.5 E	6
7	36.5B	112 B	20.2B	64.0B	150	108	22.1	3.95	17.0	82.9	51.0	14.0 E	7
8	33.3B	101 B	19.2B	56.0B	112	91.3	20.5	3.90	17.3	72.2	44.1	13.0	8
9	30.5B	89.9B	18.1B	48.8B	95.9	97.5	18.4	11.9	17.3	61.7	38.0	12.1 B	9
10	28.3B	81.3B	17.2B	47.2B	85.4	99.6	16.9	67.0	16.2	56.0	50.0	11.2 B	10
11	26.3B	73.4B	16.4B	58.5B	78.1	97.2	15.9	105	15.0	58.8	84.2	10.6 B	11
12	24.8B	66.0B	15.7B	90.0B	81.3	92.8	15.0	96.9	14.0	64.4	96.0	10.1 B	12
13	23.2B	66.0B	15.0B	190 B	82.7	82.9	13.5	80.0	13.6	61.2	88.0	9.61B	13
14	29.5B	54.9B	14.4B	275 B	85.1	68.1	12.2	60.8	17.1	52.3	72.0	9.30B	14
15	38.5B	50.1B	13.8B	330 B	97.4	54.3	11.2	46.7	21.4	51.4	42.8	8.99B	15
16	49.0B	46.2B	13.1B	400 B	125	46.3	10.9	37.9	24.8	58.7	49.5	8.75B	16
17	60.4B	42.2B	12.7B	445 B	156	38.4	11.0	31.0	27.0	61.8	49.3	8.40B	17
18	79.8B	39.3B	12.2B	562	173	34.7	11.8	25.6	32.5	57.0	46.0	8.20B	18
19	73.5B	36.5B	11.8B	498	168	32.8	11.6	22.7	33.4	51.2	45.0	8.00B	19
20	68.3B	34.0B	13.7B	339	158	30.5	11.2	22.1	32.8	45.7	29.0	7.80B	20
21	72.5B	31.5B	16.7B	235	154	28.3	10.5	20.6	30.1	39.8	23.3	7.60B	21
22	85.0B	29.5B	21.4B	230	134	25.8	9.65	18.6	25.7	35.7	22.3	7.42B	22
23	105 B	27.8B	26.8B	286	105	22.3	8.78	16.3	22.8	33.1	18.5	7.30B	23
24	114 B	26.2B	34.9B	271	87.1	19.2	7.58	14.0	20.2	39.2	17.3	7.15B	24
25	103 B	34.8B	43.0B	442	78.3	18.1	6.57	13.1	18.0	42.9	19.0E	7.00B	25
26	93.0B	34.5B	40.0B	428	71.5	16.6	6.23	12.3	16.9	38.7A	21.2A	6.90B	26
27	87.0B	35.4B	37.5B	415	64.1	15.0	6.08	12.3	19.1	31.6A	24.1E	6.75B	27
28	96.0B	36.8B	36.0B	429	55.5	13.8	5.26	13.5	22.8	28.9	25.5	8.00B	28
29	128 B		35.5B	348	51.0	13.2	4.48	14.6	27.5	29.2	27.0	9.60B	29
30	225 B		35.8B	325	51.1	12.8	4.12	14.3	29.9	27.7	25.0	11.5 B	30
31	212 B		39.8B		50.6		3.94	13.1		28.0		13.4 B	31
TOTAL	2 270.5	2 271.3	731.4	7 348.9	4 017.6	1 946.5	354.68	807.45	613.9	1 485.2	1 277.4	351.97	TOTAL
MEAN	73.2	81.1	23.6	245	130	64.9	11.4	26.0	20.5	47.9	42.6	11.4	MEAN
MAX	225	255	43.0	562	283	197	22.1	105	33.4	82.9	96.0	23.0	MAX
MIN	23.2	26.2	11.8	46.2	50.6	12.8	3.94	3.90	11.5	27.7	17.3	6.75	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.3
MAXIMUM DAILY, 562 ON APR 18
MINIMUM DAILY, 3.90 ON AUG 8
MAXIMUM INSTANTANEOUS,
607 AT 17:00 NST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 26 N
LONG 57 21 45 W
DRAINAGE AREA, 2 110 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	196 000	JUL	30 600
FEB	196 000	AUG	69 800
MAR	63 200	SEP	53 000
APR	635 000	OCT	128 000
MAY	347 000	NOV	110 000
JUN	168 000	DEC	30 400

TOTAL DISCHARGE, 2 030 000 dam^3

VIRGINIA RIVER AT CARTWRIGHT PLACE - STATION NO. 02ZM019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.202	0.326	1.07	0.936	0.115	0.057	0.134	0.146	0.082	0.177	0.225	0.367	1
2	0.433	0.228	0.754	0.750	0.107	0.056	0.100	0.199	0.075	0.182	0.187	0.285	2
3	0.361	0.192	0.840	1.25	0.097	0.059	0.101	0.221	0.054	0.155	0.170	0.227	3
4	0.264	0.176	0.614	0.966	0.092	0.065	0.115	0.182	0.054	0.127	0.157	0.258	4
5	0.241	0.152	0.378	0.539	0.091	0.052	0.134	0.205	0.060	0.282	0.261	0.418	5
6	0.224	0.157	0.472	0.351	0.113	0.048	0.086	0.171	0.064	0.747	0.243	0.275B	6
7	0.193	0.127B	0.476	0.258	0.144	0.055	0.064	0.140	0.064	0.444	0.225	0.180B	7
8	0.163B	0.113	0.315	0.210	0.191	0.064	0.109	0.115	0.072	0.259	0.222	0.125B	8
9	0.143B	0.095B	0.225	0.238	0.237	0.622	0.142	0.109	0.093	0.195	0.206	0.099	9
10	0.128B	0.084B	0.195	0.231	0.218	0.596	0.135	0.221	0.090	0.196	0.614	0.136	10
11	0.116B	0.076B	0.161	2.72	0.197	0.258	0.112	0.222	0.085	0.193	0.449	0.161	11
12	0.105B	0.068B	0.246	2.59	0.177	0.179	0.095	0.180	0.078	0.159	0.301	0.144	12
13	0.085B	0.062B	0.271	0.648	0.145	0.129	0.087	0.153	0.081	0.147	0.229	0.136	13
14	0.149	0.056B	0.201	0.416	0.131	0.106	0.077	0.132	0.085	0.133	0.208	0.121	14
15	0.227	0.053B	0.164B	0.339	0.117	0.098	0.073	0.105	0.077	0.121	0.157	0.114	15
16	0.205B	0.312	0.140B	0.331	0.103	0.089	0.082	0.093	0.071	0.117	0.222	0.108	16
17	0.177	0.429	0.123B	0.817	0.092	0.080	0.066	0.103	0.092	0.112	0.276	0.098	17
18	0.165	0.410	0.110B	0.485	0.079	0.093	0.060	0.102	0.086	0.404	0.241	0.092	18
19	0.197	0.289	0.099	0.274	0.079	0.093	0.059	0.097	0.087	0.853	0.212	0.085	19
20	0.207	0.223	0.232	0.186	0.078	0.084	0.119	0.095	0.098	0.404	0.237	0.086	20
21	1.90	0.194	0.494	0.178	0.089	0.073	0.170	0.103	0.096	0.273	0.205	0.296	21
22	1.06	0.157	0.319	0.178	0.080	0.066	0.145	0.087	0.107	0.222	0.779	0.303	22
23	0.572	0.140	0.202	0.180	0.102	0.058	0.129	0.087	0.113	0.176	0.966	0.200	23
24	0.343	0.120B	0.190	0.171	0.096	0.059	0.095	0.082	0.111	0.215	0.531	0.162	24
25	0.221	0.105B	0.213	0.167	0.079	0.055	0.080	0.086	0.104	0.244	0.948	0.132	25
26	0.150	0.388	0.184	0.153	0.070	0.056	0.062	0.077	0.096	0.207	0.782	0.117	26
27	0.148	0.652	0.301	0.139	0.072	0.045	0.057	0.080	0.175	0.163	0.477	0.122	27
28	0.416	0.936	1.04	0.134	0.067	0.043	0.054	0.080	0.449	0.453	0.530	0.115	28
29	1.16		0.933	0.129	0.062	0.125	0.085	0.083	0.304	0.526	0.408	0.103	29
30	0.676		0.633	0.126	0.048	0.188	0.161	0.081	0.207	0.335	0.340	0.097	30
31	0.444		0.845		0.049		0.156	0.081		0.278		0.093	31
TOTAL	11.085	6.320	12.440	16.100	3.427	3.610	3.124	3.918	3.310	8.299	11.008	5.255	TOTAL
MEAN	0.358	0.226	0.401	0.537	0.111	0.120	0.101	0.126	0.110	0.268	0.367	0.170	MEAN
MAX	1.90	0.936	1.07	2.72	0.237	0.622	0.170	0.222	0.449	0.747	0.966	0.418	MAX
MIN	0.085	0.053	0.099	0.126	0.048	0.043	0.044	0.077	0.054	0.112	0.157	0.085	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.241
MAXIMUM DAILY, 2.72 ON APR 11
MINIMUM DAILY, 0.043 ON JUN 28
MAXIMUM INSTANTANEOUS,
8.55E AT 19:57 NST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 06 N
LONG 52 42 06 W
DRAINAGE AREA, 5.55 km^2

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	958	JUL	270
FEB	546	AUG	338
MAR	1 070	SEP	286
APR	1 390	OCT	717
MAY	296	NOV	951
JUN	312	DEC	454

TOTAL DISCHARGE, 7 590 dam^3

NEWFOUNDLAND AND LABRADOR

VIRGINIA RIVER AT PLEASANTVILLE - STATION NO. 022M018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.362	0.505	2.73	1.86	0.276	0.152	0.239	0.307	0.117	0.336	0.526	0.797	1
2	0.826	0.380	1.61	1.31	0.270	0.149	0.194	0.530	0.139	0.386	0.450	0.630	2
3	0.531	0.314	2.34	2.86	0.257	0.158	0.260	0.426	0.130	0.306	0.399	0.526	3
4	0.422	0.295B	1.29	1.55	0.210	0.142	0.241	0.289	0.147	0.264	0.359	0.685	4
5	0.410	0.258	0.792	0.836	0.233	0.125	0.222	0.430	0.152	0.987	0.701	0.915	5
6	0.388	0.270	1.05	0.573	0.368	0.137	0.177	0.290	0.154	1.25	0.464	0.570B	6
7	0.317	0.233	0.913	0.446	0.439	0.121	0.133	0.218	0.144	0.717	0.511	0.425B	7
8	0.285	0.199	0.618	0.394	0.605	0.273	0.357	0.206	0.141	0.506	0.475	0.350B	8
9	0.246	0.174B	0.434	0.386	0.587	2.12	0.336	0.209	0.203	0.412	0.471	0.262	9
10	0.200B	0.159B	0.320B	0.407	0.538	1.02	0.261	0.653	0.158	0.435	1.57	0.294	10
11	0.178B	0.145B	0.280B	8.12	0.463	0.521	0.202	0.429	0.148	0.382	0.804	0.329	11
12	0.159B	0.133B	0.512	5.74	0.380	0.375	0.180	0.324	0.135	0.334	0.569	0.310	12
13	0.144B	0.124B	0.504	1.47	0.345	0.269	0.166	0.269	0.145	0.281	0.641	0.285B	13
14	0.356	0.116B	0.373	0.924	0.286	0.246	0.153	0.240	0.139	0.269	0.518	0.262B	14
15	0.420	0.108B	0.283	0.740	0.270	0.247	0.155	0.205	0.134	0.245	0.361	0.239B	15
16	0.356	1.63	0.250B	0.822	0.255	0.224	0.172	0.186	0.132	0.242	0.534	0.220B	16
17	0.258	0.709	0.215B	2.01	0.222	0.232	0.159	0.176	0.336	0.232	0.608	0.203B	17
18	0.278	0.589	0.195B	0.968	0.210	0.284	0.147	0.172	0.272	1.35	0.511	0.186B	18
19	0.362	0.440	0.178B	0.648	0.202	0.227	0.150	0.169	0.196	1.22	0.496	0.172B	19
20	0.582	0.307	0.873	0.545	0.206	0.195	0.410	0.168	0.177	0.649	0.487	0.226	20
21	5.77	0.258B	1.08	0.485	0.242	0.167	0.377	0.161	0.187	0.501	0.428	0.935	21
22	1.68	0.225B	0.561	0.469	0.237	0.146	0.264	0.161	0.244	0.409	2.42	0.602	22
23	0.799	0.201B	0.383	0.471	0.253	0.179	0.224	0.156	0.215	0.353	2.17	0.396	23
24	0.533	0.180B	0.490	0.454	0.222	0.155	0.176	0.152	0.194	0.518	1.10	0.325	24
25	0.370	0.168B	0.433	0.430	0.195	0.149	0.148	0.172	0.189	0.488	3.01	0.291	25
26	0.281	1.18	0.322	0.380	0.177	0.143	0.151	0.163	0.174	0.396	1.73	0.281	26
27	0.298	1.40	1.18	0.333	0.170	0.123	0.141	0.161	0.670	0.331	1.06	0.326	27
28	1.03	3.41	3.43	0.325	0.172	0.120	0.124	0.145	0.814	1.34	1.18	0.291	28
29	2.68		1.97	0.319	0.175	0.474	0.371	0.177	0.493	0.997	0.779	0.251	29
30	1.00		1.31	0.291	0.145	0.366	0.389	0.150	0.358	0.648	0.785	0.220	30
31	0.718		1.71		0.140		0.272	0.137		0.608		0.205B	31
TOTAL	22.239	14.110	28.629	36.368	8.750	9.239	6.951	7.631	6.837	17.382	26.017	12.013	TOTAL
MEAN	0.717	0.504	0.924	1.21	0.282	0.308	0.224	0.246	0.228	0.561	0.867	0.388	MEAN
MAX	5.77	3.41	3.43	8.12	0.605	2.12	0.410	0.653	0.814	1.35	3.01	0.935	MAX
MIN	0.144	0.108	0.178	0.291	0.140	0.120	0.124	0.137	0.117	0.232	0.359	0.172	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.537
MAXIMUM DAILY, 8.12 ON APR 11
MINIMUM DAILY, 0.108B ON FEB 15
MAXIMUM INSTANTANEOUS,
22.9E AT 20:09 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 25 N
LONG 52 41 28 W
DRAINAGE AREA, 13.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 920	JUL	801
FEB	1 220	AUG	659
MAR	2 470	SEP	591
APR	3 140	OCT	1 500
MAY	756	NOV	2 250
JUN	798	DEC	1 040

TOTAL DISCHARGE, 16 900 dam³

WATERFORD RIVER AT KILBRIDE - STATION NO. 022M008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.73	2.91	7.81	8.52	0.810E	0.462	0.916	1.08	0.333	2.22	3.20	4.32	1
2	4.71	1.80 B	6.36	7.59	0.749A	0.441	0.780	2.07	0.415	2.35	3.10	3.69	2
3	2.54	1.50 B	9.28	13.0	0.908	0.670	1.04	1.48	0.546	1.92	2.93	3.30	3
4	2.05	1.32 B	4.67	5.83	0.858	0.706	0.997	1.01	0.794	1.74	2.77	4.62	4
5	1.90B	1.23 B	2.80	2.97	0.879	0.527	0.836	1.25	0.639	8.50	4.28	5.36	5
6	1.65B	1.15 B	4.42	1.99	1.19	0.539	0.750	0.898	0.622	8.04	3.17	3.78	6
7	1.48B	1.09 B	3.04	1.40	1.48	0.468	0.690	0.686	0.527	5.24	3.33	3.20	7
8	1.37B	1.03 B	2.25	1.31	2.93	0.706	1.34	0.585	0.496	4.24	3.30	2.81	8
9	1.25B	0.980B	1.64	1.24	2.29	4.38	1.26	0.617	0.950	3.89	3.05	2.55B	9
10	1.15B	0.930B	1.32	1.29	1.86	1.96	0.899	2.27	0.650	4.00	7.48	2.30B	10
11	1.08B	0.900B	1.33	38.2	1.64	1.31	0.812	1.31	0.587	3.85	4.14	2.10B	11
12	1.02B	0.865B	2.49	11.9	1.38	1.06	0.817	0.896	0.486	3.45	3.32	1.90B	12
13	1.22	0.830B	1.97	4.49	1.21	0.923	0.787	0.832	0.519	3.20	3.28	1.78B	13
14	2.16	0.800B	1.42	3.42	1.15	0.859	0.605	0.660	0.557	3.10	3.65	1.65B	14
15	2.63	0.780B	1.20	2.76	1.07	0.823	0.602	0.858	0.466	3.04	2.87	1.55B	15
16	1.89	3.99	1.05 B	6.54 A	0.924	0.685	0.750	0.588	0.392	2.84	3.31	1.48B	16
17	1.76	3.77	0.970B	9.80 E	0.925	0.739	0.626	0.577	1.24	2.79	3.65	1.40B	17
18	1.80	3.24	0.925B	4.90 E	0.844	1.18	0.511	0.555	1.26	9.11	3.15	1.34B	18
19	2.14	2.78	0.880B	3.40 E	0.801	0.840	0.452	0.513	0.835	5.92	3.20	1.28B	19
20	2.74	2.00	4.73	2.10 E	0.736	0.714	1.68	0.488	0.618	4.17	2.75	2.17	20
21	15.7	1.63	4.36	1.80 E	0.947	0.648	1.88	0.455	0.645	3.59	2.92	4.86	21
22	6.28	1.35 B	1.83	1.55 E	0.908	0.586	1.13	0.508	1.13	3.25	9.64	3.24	22
23	3.05	1.22 B	1.14	1.39 E	0.900	0.655	0.832	0.482	0.938	3.08	7.50	2.53	23
24	2.17	1.12 B	1.44	1.28 E	0.785	0.565	0.692	0.482	0.808	4.14	4.64	2.36	24
25	1.57	1.05 B	1.22	1.20 E	0.698	0.565	0.569	0.494	0.754	3.84	11.9	2.17	25
26	1.41	4.55	1.06	1.13 E	0.639	0.592	0.512	0.547	0.678	3.30	6.66	2.11	26
27	2.03	5.30	5.42	1.07 E	0.601	0.531	0.478	0.451	4.99	2.87	5.63	2.48	27
28	7.24	11.2	12.5	0.990E	0.579	0.484	0.422	0.365	4.90	6.06	6.57	2.18	28
29	12.6		7.07	0.910E	0.557	1.62	1.19	0.601	2.78	4.77	4.57	1.88B	29
30	4.63		6.50	0.860E	0.568	1.16	1.47	0.476	2.31	3.85	4.55	1.70B	30
31	4.15		8.84		0.531		0.954	0.380		3.69		1.56B	31
TOTAL	100.10	61.315	111.935	144.830	32.347	27.378	27.279	24.384	32.865	126.05	134.51	79.65	TOTAL
MEAN	3.23	2.19	3.61	4.83	1.04	0.913	0.880	0.786	1.10	4.07	4.48	2.57	MEAN
MAX	15.7	11.2	12.5	38.2	2.93	4.38	1.88	2.27	4.99	9.11	11.9	5.36	MAX
MIN	1.02	0.780	0.880	0.860	0.531	0.441	0.422	0.365	0.333	1.74	2.75	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.47
MAXIMUM DAILY, 38.2 ON APR 11
MINIMUM DAILY, 0.333 ON SEP 1
MAXIMUM INSTANTANEOUS,
62.7E AT 15:02 NST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 47 N
LONG 52 44 34 W
DRAINAGE AREA, 52.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 650	JUL	2 360
FEB	5 300	AUG	2 110
MAR	9 670	SEP	2 840
APR	12 500	OCT	10 900
MAY	2 790	NOV	11 600
JUN	2 370	DEC	6 880

TOTAL DISCHARGE, 78 000 dam³

WATERFORD RIVER AT MOUNT PEARL - STATION NO. 02ZM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.856	1.13	3.13	3.57	0.298	0.153	0.330	0.478	0.251	0.541	0.859	1.20	1
2	1.58	0.791	2.77	2.93	0.274	0.168	0.278	0.835	0.261	0.614	0.776	0.983	2
3	0.824	0.540B	4.09	5.21	0.263	0.283	0.374	0.632	0.262	0.501	0.741	0.797	3
4	0.589	0.460B	1.78	2.00 B	0.240	0.268	0.374	0.457	0.390	0.418	0.875	1.35	4
5	0.520B	0.390B	1.09	1.20 B	0.270	0.222	0.310	0.575	0.351	2.19	1.27	1.60	5
6	0.450B	0.345B	1.55	0.900B	0.392	0.231	0.276	0.430	0.328	1.99	0.847	1.07	6
7	0.385B	0.318B	1.06	0.730B	0.564	0.200	0.251	0.368	0.300	1.04	0.838	0.851	7
8	0.350B	0.285B	0.700B	0.610B	1.31	0.334	0.550	0.344	0.279	0.807	0.855	0.500B	8
9	0.321B	0.260B	0.480B	0.540B	1.09	1.90	0.549	0.379	0.443	0.656	0.766	0.420B	9
10	0.298B	0.240B	0.415B	0.500B	0.919	0.929	0.418	1.07	0.337	0.749	2.72	0.365B	10
11	0.275B	0.225B	0.372B	12.5 E	0.834	0.536	0.327	0.667	0.286	0.726	1.34	0.325B	11
12	0.255B	0.212B	1.07	5.81	0.679	0.436	0.277	0.506	0.266	0.585	0.952	0.294B	12
13	0.239B	0.200B	0.744	1.93	0.550	0.358	0.258	0.429	0.271	0.538	0.919	0.270B	13
14	0.520B	0.190B	0.582	1.48	0.472	0.314	0.232	0.375	0.255	0.524	1.07	0.248B	14
15	0.590B	0.181B	0.480B	1.28	0.388	0.336	0.240	0.356	0.198	0.544	0.770	0.230B	15
16	0.470B	1.03 B	0.440B	1.46	0.302	0.298	0.277	0.339	0.186	0.517	0.913	0.215B	16
17	0.420B	0.860B	0.400B	3.89	0.272	0.320	0.259	0.312	0.487	0.510	1.06	0.202B	17
18	0.370B	0.660B	0.370B	1.49	0.250	0.477	0.236	0.296	0.449	2.36	0.822	0.189B	18
19	0.580B	0.540B	0.340B	0.932	0.226	0.321	0.200	0.288	0.320	1.43	0.847	0.180B	19
20	0.750B	0.460B	1.38 B	0.722	0.222	0.269	0.680	0.266	0.271	0.906	0.784	0.404	20
21	7.25	0.408B	1.00 B	0.624	0.287	0.234	0.710	0.274	0.295	0.752	0.789	1.21	21
22	2.76	0.365B	0.700B	0.582	0.254	0.238	0.449	0.266	0.475	0.663	3.72	0.636	22
23	1.38	0.338B	0.570B	0.531	0.263	0.254	0.352	0.254	0.425	0.597	2.78	0.471	23
24	0.800B	0.310B	0.700B	0.490	0.228	0.229	0.287	0.252	0.381	0.935	1.53	0.370B	24
25	0.450B	0.295B	0.600B	0.428	0.194	0.218	0.247	0.258	0.351	0.846	4.24	0.345B	25
26	0.360B	1.40 B	0.510B	0.369	0.184	0.189	0.220	0.298	0.333	0.678	2.15	0.315B	26
27	0.500B	1.86	0.800B	0.368	0.183	0.190	0.200	0.268	1.89	0.549	1.77	0.360B	27
28	2.20 B	4.49	3.70	0.363	0.172	0.174	0.192	0.246	1.72	1.74	2.03	0.305B	28
29	5.74		3.16	0.335	0.184	0.705	0.542	0.317	0.848	1.43	1.48	0.274B	29
30	2.02		2.65	0.334	0.176	0.427	0.647	0.313	0.640	1.11	1.31	0.250B	30
31	1.64		3.53		0.175		0.438	0.259		1.04		0.235B	31
TOTAL	35.742	18.883	41.183	53.906	12.085	11.211	10.973	12.407	13.549	28.486	41.823	16.474	TOTAL
MEAN	1.15	0.674	1.33	1.80	0.390	0.374	0.354	0.400	0.452	0.919	1.39	0.531	MEAN
MAX	7.25	4.49	4.09	12.5	1.31	1.90	0.710	1.07	1.89	2.36	4.24	1.60	MAX
MIN	0.239	0.181	0.340	0.334	0.172	0.153	0.192	0.246	0.186	0.418	0.676	0.180	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.812
MAXIMUM DAILY, 12.5E ON APR 11
MINIMUM DAILY, 0.153 ON JUN 1
MAXIMUM INSTANTANEOUS,
25.5E AT 16:10 NST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 20 N
LONG 52 48 25 W
DRAINAGE AREA, 16.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 090	JUL	948
FEB	1 630	AUG	1 070
MAR	3 560	SEP	1 170
APR	4 660	OCT	2 460
MAY	1 040	NOV	3 600
JUN	969	DEC	1 420

TOTAL DISCHARGE, 25 600 dam³

NEW BRUNSWICK

AROOSTOOK RIVER NEAR TINKER - STATION NO. 01AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.3	286	38.9E	332	241	164	26.4	51.2	121	133	62.6	91.5	1
2	16.6B	279	42.3E	470	215	151	25.5	67.8	106	169	53.1	76.7	2
3	19.5B	248	39.3E	743	201	140	25.7	88.0	98.1	167	46.3	80.3	3
4	17.9B	200 B	35.6E	642	184	140	26.5	76.8	85.3	149	54.3	93.7	4
5	12.2B	179 B	34.4E	593	164	110	17.6	59.9	76.0	112	42.3	126	5
6	16.3B	170 B	34.1E	520	154	88.4	24.6	44.7	73.3	113	41.0	139	6
7	13.7B	155 B	32.4E	438	130	74.4	23.0	45.8	53.4	114	43.2	136	7
8	20.5B	139 B	32.9E	325	127	90.6	24.4	86.3	47.5	106	38.6	131	8
9	25.3B	127 B	25.2E	263	107	83.1	30.7	156	50.3	89.0	46.9	83.4	9
10	27.4B	111 B	26.8E	237	116	109	41.3	225	41.1	93.7	63.7	105	10
11	27.9B	107 B	30.2E	210	108	97.5	47.0	211	49.6	80.7	58.2	109	11
12	28.8B	104	26.2E	204	93.0	77.2	27.1	165	69.4	79.3	58.2	88.1	12
13	27.8B	97.2	28.2E	264	87.1	69.8	29.6	134	155	73.1	52.7	86.4	13
14	23.9B	89.1	25.4E	311	74.4	56.9	25.7	104	169	93.4	29.6	90.6	14
15	22.8B	82.3	22.0E	328	64.5	44.6	36.3	78.4	137	57.9	22.9	64.7	15
16	31.6B	71.3	21.6E	352	58.3	62.2	52.1	68.1	127	46.2	35.2	78.7	16
17	28.7B	65.8	20.5E	376	77.2	39.5	51.7	68.6	82.1	77.1	42.8	42.3	17
18	30.0B	72.1	21.6E	404	48.4	39.8	49.1	70.9	76.1	65.7	49.6	59.3	18
19	26.5B	65.3	23.1B	409	45.9	44.3	31.4	103	65.6	65.6	36.5	59.5	19
20	41.1B	55.6	28.2B	393	52.3	43.9	31.6	138	66.5	44.7	19.3	54.6	20
21	42.0B	48.2	32.4B	373	76.0	37.6	39.4	132	48.7	60.6	25.2	54.4	21
22	45.5B	63.0	33.5	416	99.1	30.3	39.7	107	52.5	58.6	19.3	47.9	22
23	61.9B	52.6	35.0	502	102	24.1	31.7	103	49.3	55.6	22.6	51.6	23
24	61.0B	50.4	40.0	460	145	24.4	29.1	120	64.0	49.7	29.8	54.6	24
25	59.3B	47.0	43.3	396	392	22.7	18.9	233	89.7	43.3	40.8	43.9	25
26	66.2B	49.3E	40.9	367	484	20.4	19.1	333	114	54.2	46.0	52.8	26
27	197 B	49.6E	78.3	357	420	25.1	20.6	307	89.3	35.4	50.4	44.8	27
28	350	46.0E	91.2	338	338	28.4	17.1	254	79.5	46.9	65.3	41.1	28
29	297		101	304	278	25.3	24.9	217	70.5	44.4	71.0	50.4	29
30	284		151	272	230	27.9	36.3	180	81.7	49.1	90.4	44.7	30
31	286		215		198		18.4	152		59.2		46.5	31
TOTAL	2 229.7	3 109.8	1 450.5	11 589	5 110.2	1 992.3	943.7	4 179.5	2 480.5	2 486.4	1 357.8	2 328.7	TOTAL
MEAN	71.9	111	46.8	386	165	66.4	30.4	135	82.7	80.2	45.3	75.1	MEAN
MAX	350	286	215	743	484	164	52.1	333	169	169	90.4	139	MAX
MIN	12.2	46.0	20.5	204	45.9	20.4	17.1	44.7	41.1	35.4	19.3	41.1	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 743 ON APR 3
MINIMUM DAILY, 12.2B ON JAN 5
MAXIMUM INSTANTANEOUS,
1 490 AT 18:07 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 48 52 N
LONG 67 45 16 W
DRAINAGE AREA, 6 060 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	193 000	JUL	81 500
FEB	269 000	AUG	361 000
MAR	125 000	SEP	214 000
APR	1 000 000	OCT	215 000
MAY	442 000	NOV	117 000
JUN	172 000	DEC	201 000

TOTAL DISCHARGE, 3 390 000 dam³

BARNABY RIVER BELOW SEMIWAGAN RIVER - STATION NO. 01BO003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02 B	6.60B	1.38 B	32.5B	20.7	10.1	1.76	4.28	2.55	4.35	1.89	4.20B	1
2	1.88 B	6.20B	1.32 B	54.0B	19.1	15.5	1.59	4.82	2.29	4.74	1.92	3.90B	2
3	1.72 B	5.70B	1.28 B	50.0B	16.7	21.0	1.49	3.89	2.06	4.41	2.00	3.60B	3
4	1.60 B	5.30B	1.23 B	43.0B	14.2	15.4	1.25	4.37	1.83	4.19	1.98	4.80B	4
5	1.49 B	4.90B	1.20 B	32.0B	12.1	11.2	1.34	4.00	1.56	4.51	1.97	6.00B	5
6	1.38 B	4.50B	1.18 B	24.5B	11.0	9.10	1.67	2.84	1.71	4.30	1.92B	5.80B	6
7	1.29 B	4.20B	1.14 B	20.6B	10.2	6.78	1.53	2.12	1.91	4.02	1.86	5.20B	7
8	1.22 B	3.90B	1.11 B	19.7B	8.64	7.96	1.33	2.09	1.67	3.53	1.90	5.00B	8
9	1.15 B	3.65B	1.09 B	19.0B	7.56	14.9	1.14	6.49	1.79	3.04	1.85	4.60B	9
10	1.08 B	2.45B	1.06 B	26.5B	6.91	11.4	1.01	14.1	1.50	2.79	2.67	4.40B	10
11	1.02 B	3.25B	1.03 B	53.0B	5.78	8.51	0.952	11.0	1.64	2.54	2.81	4.10B	11
12	0.970B	3.01B	1.00 B	66.0B	5.06	6.76	0.922	7.76	10.6	2.37	2.64	3.80B	12
13	0.920B	2.88B	0.980B	78.0B	4.62	5.04	0.813	5.23	21.7	2.27	2.43	3.65B	13
14	0.880B	2.75B	0.960B	71.0B	4.57	4.74	0.827	3.86	14.0	2.09	2.25B	3.50B	14
15	0.840B	2.60B	0.940B	61.6	4.23	4.32	1.30	2.80	9.47	2.27	2.10B	3.35B	15
16	0.807B	2.45B	0.920B	52.7	3.79	3.78	2.56	2.37	6.63	2.47	1.97	3.20B	16
17	0.770B	2.32B	0.900B	51.3	3.64	3.52	3.04	2.22	4.76	2.41	1.78	3.10B	17
18	0.740B	2.22B	1.01 B	48.0	3.53	2.95	3.01	2.32	4.07	2.41	1.70B	2.95B	18
19	0.710B	2.12B	1.13 B	37.6	3.44	2.52	3.38	7.18	3.29	2.20	1.62B	2.85B	19
20	0.960B	2.02B	2.38 B	31.1	3.21	2.23	2.96	7.77	2.96	1.99	1.55B	2.75B	20
21	1.40 B	1.92B	3.55 B	28.7	3.35	1.98	2.21	5.23	2.68	1.85	1.50B	2.70B	21
22	1.90 B	1.85B	2.97 B	32.6	4.41	1.62	1.71	4.11	2.42	1.77	1.48B	2.60B	22
23	3.40 B	1.78B	2.64 B	37.9	18.5	1.55	1.35	3.08	2.27	1.82	1.90B	2.55B	23
24	2.85 B	1.69B	2.38 B	66.4	32.0	1.39	1.06	2.85	3.89	1.87	2.30B	2.50B	24
25	2.60 B	1.62B	2.22 B	63.5	43.1	1.33	0.933	5.93	7.81	1.95	3.00B	2.40B	25
26	2.38 B	1.57B	1.95 B	50.8	31.2	1.26	0.865	9.65	9.08	1.83	3.20B	2.60B	26
27	2.20 B	1.51B	2.30 B	43.2	20.1	1.11	0.877	7.89	6.71	1.68	3.30B	2.75B	27
28	4.50 B	1.46B	4.70 B	34.9	15.1	1.48	0.957	5.38	4.80	1.72	4.00B	3.10B	28
29	9.00 B		7.00 B	28.6	18.8	1.66	1.01	4.60	4.07	1.81	5.00B	2.95B	29
30	8.10 B		9.40 B	23.7	16.0	1.92	1.02	3.80	3.64	1.84	4.60B	2.80B	30
31	7.40 B		17.0 B		11.6		1.61	2.91		1.95		2.70B	31
TOTAL	69.277	87.82	79.350	1 282.9	378.55	183.27	47.466	157.04	145.78	82.99	71.19	110.40	TOTAL
MEAN	2.23	3.13	2.56	42.8	12.2	6.11	1.53	5.07	4.86	2.68	2.37	3.56	MEAN
MAX	9.00	6.60	17.0	78.0	43.1	21.0	3.38	14.1	21.7	4.74	5.00	6.00	MAX
MIN	0.710	1.46	0.900	19.0	3.21	1.11	0.813	2.09	1.50	1.68	1.48	2.40	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.39
MAXIMUM DAILY, 78.0B ON APR 13
MINIMUM DAILY, 0.710B ON JAN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 53 19 N
LONG 65 35 44 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 990	JUL	4 100
FEB	7 570	AUG	13 600
MAR	6 860	SEP	12 600
APR	111 000	OCT	7 170
MAY	32 700	NOV	6 150
JUN	15 800	DEC	9 540

TOTAL DISCHARGE, 233 000 dam³

BARTIBOG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 01BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.85B	4.80B	1.55B	17.0B	21.4	5.24	2.48	3.27	3.04	2.29	2.36	3.20B	1
2	1.80B	4.60B	1.51B	24.5B	19.8	6.22	2.32	2.83	2.88	3.04	2.42	3.00B	2
3	1.75B	4.20B	1.49B	28.5B	17.4	5.66	2.11	2.54	2.83	2.87	2.31	5.15B	3
4	1.70B	3.90B	1.47B	25.5B	14.6	4.88	2.06	3.02	2.64	3.45	2.16	5.90B	4
5	1.65B	3.70B	1.45B	23.5B	12.7	4.33	2.40	2.47	2.47	4.66	2.32	5.20B	5
6	1.60B	3.45B	1.42B	22.0B	11.4	4.04	2.24	2.12	2.76	4.13	2.32B	4.50B	6
7	1.58B	3.35B	1.40B	20.5B	10.6	3.67	2.11	3.11	3.00	3.67	2.27B	4.20B	7
8	1.52B	3.15B	1.39B	19.0B	9.80	5.17	2.09	8.27	2.73	3.36	2.42	3.80B	8
9	1.50B	3.05B	1.37B	18.0B	9.02	6.05	1.97	9.55	2.53	3.09	2.26	3.50B	9
10	1.45B	2.90B	1.35B	17.0B	8.24	4.78	1.87	8.76	2.29	2.94	2.48	3.20B	10
11	1.42B	2.80B	1.33B	16.2B	7.70	4.12	1.86	6.70	2.39	2.86	2.36	3.00B	11
12	1.40B	2.62B	1.31B	26.7	7.19	3.56	1.85	5.53	4.55	2.73	2.35B	2.75B	12
13	1.38B	2.55B	1.29B	26.0	6.68	3.35	1.84	4.45	5.41	2.64	2.15B	2.60B	13
14	1.35B	2.45B	1.28B	28.2	6.23	3.34	1.84	3.73	4.08	2.60	2.05B	2.45B	14
15	1.33B	2.35B	1.26B	32.7	5.78	3.25	2.00	3.23	3.27	2.59	2.00B	2.30B	15
16	1.30B	2.25B	1.25B	38.0	5.45	3.06	3.49	2.98	2.85	2.53	1.93B	2.19B	16
17	1.28B	2.18B	1.24B	43.2	5.21	3.01	2.63	2.88	2.78	2.44	1.87B	2.12B	17
18	1.26B	2.10B	1.30B	36.1	4.96	2.73	2.47	2.83	2.54	2.40	1.82B	2.05B	18
19	1.24B	2.05B	1.47B	29.5	4.82	2.65	2.48	3.51	2.38	2.35	1.77B	1.95B	19
20	1.22B	1.95B	2.30B	26.7	4.87	2.52	2.17	3.78	2.30	2.28	1.72B	1.90B	20
21	1.70B	1.90B	3.00B	26.6	5.16	2.44	2.07	3.27	2.29	2.22	1.69B	1.82B	21
22	2.15B	1.85B	2.60B	34.3	5.87	2.32	2.00	2.77	2.17	2.26	1.65B	1.77B	22
23	2.30B	1.80B	2.30B	36.8	9.07	2.28	1.83	2.52	2.21	2.29	1.83B	1.70B	23
24	2.12B	1.75B	2.10B	48.8	9.15	2.20	1.67	2.94	2.96	2.47	3.00B	1.67B	24
25	2.01B	1.72B	2.00B	43.7	11.3	2.26	1.58	6.00	4.30	2.40	3.50B	1.62B	25
26	1.95B	1.69B	2.75B	36.5	9.06	2.24	1.63	6.31	5.02	2.25	3.25B	2.20B	26
27	2.80B	1.65B	5.10B	35.4	7.67	2.20	1.69	5.23	4.13	2.09	4.20B	2.10B	27
28	4.20B	1.60B	4.40B	32.4	6.68	2.65	1.62	4.94	3.46	2.27	4.50B	3.00B	28
29	5.80B		4.00B	28.3	6.78	2.63	1.62	4.18	3.07	2.23	4.20B	2.90B	29
30	5.40B		5.20B	23.7	6.04	2.55	1.64	3.62	3.06	2.43	3.50B	2.75B	30
31	5.00B		12.0 B		5.42		2.22	3.27		2.56		2.65B	31
TOTAL	65.01	74.36	77.88	865.3	276.35	105.24	64.83	130.72	92.37	85.39	74.67	91.14	TOTAL
MEAN	2.10	2.66	2.51	28.8	8.91	3.51	2.09	4.22	3.08	2.75	2.49	2.94	MEAN
MAX	5.80	4.80	12.0	48.8	21.4	6.22	3.49	9.55	5.41	4.66	4.50	5.90	MAX
MIN	1.22	1.60	1.24	16.2	4.82	2.20	1.58	2.12	2.17	2.09	1.65	1.62	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.49
MAXIMUM DAILY, 48.8 ON APR 24
MINIMUM DAILY, 1.22B ON JAN 20
MAXIMUM INSTANTANEOUS,
51.8 AT 14:00 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 11 27 N
LONG 65 23 51 W
DRAINAGE AREA, 316 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 620	JUL	5 600
FEB	6 420	AUG	11 300
MAR	6 730	SEP	7 980
APR	74 800	OCT	7 380
MAY	23 900	NOV	6 450
JUN	9 090	DEC	7 870

TOTAL DISCHARGE, 173 000 dam³

BASS RIVER AT BASS RIVER - STATION NO. 01BL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.175B	6.00 B	0.390B	5.40B	11.1	0.715	0.177	0.278	0.515	0.759	1.90	0.620B	1
2	0.170B	5.00 B	0.360B	9.90B	10.7	1.24	0.181	0.418	0.364	0.678	1.63	0.600B	2
3	0.167B	4.40 B	0.340B	15.1 B	9.37	1.15	0.173	0.425	0.294	0.580	1.37	0.680B	3
4	0.163B	3.90 B	0.325B	12.9 B	7.05	0.786	0.206	0.370	0.273	0.521	1.12	0.820B	4
5	0.160B	3.40 B	0.310B	11.7 B	5.65	0.664	0.209	0.314	0.250	0.915	0.900B	1.41 B	5
6	0.157B	3.00 B	0.295B	10.2 B	4.84	0.509	0.224	0.264	0.260	1.09	0.790B	1.17 B	6
7	0.155B	2.63 B	0.275B	9.40B	4.44	0.383	0.230	0.293	0.282	0.960	0.720B	1.01 B	7
8	0.153B	2.40 B	0.265B	8.60B	4.08	0.890	0.214	4.67	0.308	0.732	0.585	0.900B	8
9	0.151B	2.20 B	0.250B	8.00B	3.75	2.30	0.216	7.55	0.304	0.593	0.704	0.820B	9
10	0.149B	1.98 B	0.235B	7.60B	3.26	1.66	0.181	6.08	0.263	0.499	1.28 B	0.740B	10
11	0.147B	1.80 B	0.222B	8.60B	2.93	1.06	0.165	2.91	0.234	0.403	1.11 B	0.670B	11
12	0.145B	1.60 B	0.212B	10.2 B	2.71	0.693	0.155	2.52	0.453	0.409	0.980B	0.640B	12
13	0.143B	1.46 B	0.199B	13.4 B	2.52	0.510	0.157	1.57	1.87	0.365	0.860B	0.610B	13
14	0.142B	1.31 B	0.191B	18.0 B	2.18	0.485	0.174	0.935	1.54	0.326	0.750B	0.580B	14
15	0.140B	1.18 B	0.183B	23.0 B	1.91	0.424	0.245	0.572	0.890	0.325	0.670B	0.555B	15
16	0.139B	1.07 B	0.178B	20.1 B	1.54	0.382	0.277	0.436	0.582	0.364	0.610B	0.525B	16
17	0.138B	0.960B	0.172B	19.0 B	1.45	0.378	0.264	0.448	0.395	0.371	0.560B	0.510B	17
18	0.137B	0.880B	0.167B	18.0 B	1.39	0.207	0.249	0.462	0.318	0.348	0.510B	0.498B	18
19	0.136B	0.790B	0.161B	17.0 B	1.44	0.274	0.331	0.524	0.296	0.320	0.460B	0.470B	19
20	0.140B	0.710B	0.210B	17.7	1.49	0.250	0.348	0.458	0.283	0.286	0.420B	0.450B	20
21	0.155B	0.650B	0.300B	17.0	2.21	0.213	0.302	0.435	0.254	0.280	0.380B	0.430B	21
22	0.230B	0.610B	0.270B	20.7	3.81	0.183	0.370	0.341	0.231	0.278	0.410B	0.420B	22
23	0.440B	0.570B	0.250B	24.0	6.44	0.182	0.317	0.286	0.198	0.291	0.460B	0.410B	23
24	0.900B	0.530B	0.234B	27.5	5.71	0.168	0.249	0.273	0.222	0.408	0.560B	0.400B	24
25	1.86 B	0.500B	0.225B	25.3	4.47	0.174	0.224	2.82	0.574	0.523	0.660B	0.380B	25
26	1.79 B	0.470B	0.220B	20.3	3.49	0.201	0.185	4.89	2.84	0.497	0.840B	0.390B	26
27	2.00 B	0.440B	0.350B	18.6	2.73	0.185	0.153	3.10	2.27	0.427	0.780B	0.400B	27
28	2.80 B	0.410B	0.660B	16.2	2.14	0.163	0.154	2.25	1.66	0.413	0.720B	0.380B	28
29	3.60 B		1.20 B	14.8	1.59	0.168	0.150	1.59	1.07	0.454	0.680B	0.365B	29
30	5.40 B		2.00 B	12.2	1.17	0.180	0.167	0.932	0.744	0.971	0.650B	0.350B	30
31	7.90 B		3.30 B		0.844		0.183	0.878		2.32		0.340B	31
TOTAL	30.082	50.850	13.949	460.40	118.414	16.878	6.850	50.280	20.137	17.707	24.069	18.543	TOTAL
MEAN	0.970	1.82	0.450	15.3	3.82	0.563	0.221	1.62	0.671	0.571	0.802	0.598	MEAN
MAX	7.90	6.00	3.30	27.5	11.1	2.30	0.370	7.55	2.84	2.32	1.90	1.41	MAX
MIN	0.136	0.410	0.161	5.40	0.844	0.163	0.153	0.264	0.198	0.278	0.380	0.340	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.27
MAXIMUM DAILY, 27.5 ON APR 24
MINIMUM DAILY, 0.136B ON JAN 19
MAXIMUM INSTANTANEOUS,
30.6 AT 17:00 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 39 00 N
LONG 65 34 40 W
DRAINAGE AREA, 175 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 600	JUL	592
FEB	4 390	AUG	4 340
MAR	1 210	SEP	1 740
APR	39 800	OCT	1 530
MAY	10 200	NOV	2 080
JUN	1 460	DEC	1 600

TOTAL DISCHARGE, 71 600 dam³

BECAGUIMEC STREAM AT COLDSTREAM - STATION NO. 01AJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.41 B	17.0 B	0.970 B	33.2	12.1	3.96	1.41	4.22	3.25	11.5	2.50	10.2 B	1
2	1.39 B	13.5 B	0.920 B	33.5	13.1	6.64	1.23	3.28	2.87	8.41	2.67	9.700 B	2
3	1.34 B	11.3 B	0.870 B	32.9	12.2	5.32	1.18	3.54	2.74	6.88	2.96	10.6 B	3
4	1.30 B	9.400 B	0.830 B	25.6	9.66	3.97	1.24	3.10	2.50	6.86	2.80	20.8 B	4
5	1.28 B	8.200 B	0.800 B	18.9	8.42	3.40	1.54	2.41	2.76	8.53	2.88	22.8	5
6	1.23 B	7.000 B	0.765 B	14.1	7.89	3.09	1.69	1.83	2.64	7.12	2.57	16.1	6
7	1.20 B	6.200 B	0.740 B	11.6	8.01	2.67	1.45	1.84	2.71	6.69	2.89	14.5	7
8	1.18 B	5.400 B	0.705 B	9.62	7.26	4.20	1.54	7.06	2.35	6.04	2.48	12.7	8
9	1.14 B	4.800 B	0.680 B	8.53	6.43	9.78	1.37	41.2	2.01	5.43	3.11	10.5 B	9
10	1.11 B	4.300 B	0.655 B	9.08	5.73	5.95	1.13	36.5	1.89	4.93	4.92	6.600 B	10
11	1.09 B	3.850 B	0.630 B	9.75	5.25	4.24	1.01	16.8	3.90	4.49	4.01	7.400 B	11
12	1.07 B	3.400 B	0.610 B	22.3	4.81	3.51	0.923	13.0	22.8	4.20	3.57	6.400 B	12
13	1.05 B	3.110 B	0.585 B	30.2	4.42	3.04	0.873	8.95	27.7	4.00	3.34	5.400 B	13
14	1.02 B	2.850 B	0.570 B	31.7	4.04	3.00	0.944	6.69	14.9	3.78	3.200 B	4.600 B	14
15	1.00 B	2.520 B	0.600 B	25.0	3.60	2.73	2.14	5.26	9.89	3.72	4.000 B	4.000 B	15
16	0.990 B	2.400 B	0.570 B	23.3	3.30	3.39	2.64	4.67	7.55	3.54	2.750 B	3.500 B	16
17	0.970 B	2.200 B	0.550 B	23.5	3.34	6.22	1.78	5.79	6.33	3.29	2.500 B	3.290 B	17
18	0.950 B	2.010 B	0.535 B	23.8	3.44	3.30	2.15	4.86	5.24	3.14	2.400 B	2.950 B	18
19	0.930 B	1.900 B	0.600 B	20.8	3.34	3.00	6.35	6.50	4.51	2.94	3.04	2.720 B	19
20	2.90 B	1.780 B	1.45 B	18.0	3.16	2.66	4.33	6.14	3.99	2.76	4.17	2.530 B	20
21	6.00 B	1.630 B	2.30 B	17.1	3.04	2.29	2.76	4.55	3.60	2.86	4.530 B	2.380 B	21
22	8.00 B	1.530 B	3.00 B	30.3	3.30	2.07	2.05	3.94	3.28	2.68	4.840 B	2.300 B	22
23	10.0 B	1.650 B	2.80 B	50.2	4.47	1.87	1.55	3.31	3.50	2.72	5.080 B	2.500 B	23
24	9.20 B	1.460 B	2.60 B	46.4	5.57	1.76	1.33	5.07	6.76	3.22	5.830 B	2.320 B	24
25	8.20 B	1.320 B	2.45 B	36.3	5.70	1.63	1.15	9.20	6.42	2.96	6.830 B	2.200 B	25
26	7.80 B	1.260 B	3.50 B	28.3	4.86	1.54	1.12	6.34	5.43	2.70	8.590 B	4.000 B	26
27	43.6 B	1.180 B	6.00 B	24.5	5.05	1.35	2.74	5.30	4.47	2.58	13.2 B	4.400 B	27
28	79.3	1.090 B	8.00 B	19.9	5.48	2.01	2.24	7.05	3.77	2.45	14.7 B	4.200 B	28
29	39.6		17.0 B	16.4	5.09	2.08	1.85	5.41	3.34	2.38	12.8	3.950 B	29
30	25.0 B		21.0 B	13.9	4.31	1.67	1.54	4.30	6.67	2.65	11.1 B	3.690 B	30
31	20.0 B		30.0 B		3.79		2.25	3.71		2.78		3.490 B	31
TOTAL	281.650	124.34	113.485	709.08	186.20	102.84	57.580	242.73	179.07	137.87	150.26	214.78	TOTAL
MEAN	9.09	4.44	3.66	23.6	6.01	3.43	1.86	7.83	5.97	4.45	5.01	6.93	MEAN
MAX	79.3	17.0	30.0	50.2	13.1	9.78	6.35	41.2	27.7	11.5	14.7	22.8	MAX
MIN	0.930	1.09	0.535	8.53	3.04	1.35	0.873	1.83	1.89	2.38	2.48	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.85
MAXIMUM DAILY, 79.3 ON JAN 28
MINIMUM DAILY, 0.535B ON MAR 18
MAXIMUM INSTANTANEOUS,
83.6 AT 11:30 AST ON JAN 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 27 N
LONG 67 27 58 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 300	JUL	4 970
FEB	10 700	AUG	21 000
MAR	9 810	SEP	15 500
APR	61 300	OCT	11 900
MAY	16 100	NOV	13 000
JUN	8 890	DEC	18 600

TOTAL DISCHARGE, 218 000 dam³

BIG PRESQUE ISLE STREAM AT TRACEY MILLS - STATION NO. 01AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.750 B	14.5 B	2.750 B	52.6 B	16.1	10.3	2.30	6.91	3.06	16.3	4.71	7.200 B	1
2	1.680 B	13.2 B	2.670 B	50.0 B	15.0	11.8	2.11	4.53	2.85	11.6	4.35	7.000 B	2
3	1.620 B	12.2 B	2.600 B	47.0	13.6	9.97	1.90	3.19	2.76	8.79	4.10	8.800 B	3
4	1.580 B	11.1 B	2.510 B	38.4	12.0	8.31	1.86	2.80	2.48	8.00	3.89	21.0 B	4
5	1.530 B	10.1 B	2.420 B	30.5	10.9	7.55	2.39	2.29	2.21	7.78	4.61	21.7 B	5
6	1.500 B	9.400 B	2.390 B	24.3	10.4	6.72	2.35	1.86	2.64	7.06	4.71	16.0 B	6
7	1.450 B	8.500 B	2.320 B	21.7	10.1	6.06	2.19	1.61	2.83	7.09	3.64	14.0 B	7
8	1.410 B	7.800 B	2.280 B	18.6	9.50	7.24	2.19	3.88	2.58	6.61	2.97	11.5 B	8
9	1.380 B	7.200 B	2.220 B	16.5	8.64	9.39	1.94	10.7	2.36	6.22	4.44	10.0 B	9
10	1.340 B	6.600 B	2.180 B	15.9	7.85	7.32	1.82	7.57	2.28	6.16	5.61	9.000 B	10
11	1.300 B	6.130 B	2.110 B	15.1	7.22	6.31	1.72	4.96	2.85	5.80	5.07	8.200 B	11
12	1.270 B	5.700 B	2.080 B	21.9	6.74	5.57	1.57	4.13	11.2	5.51	4.50	7.500 B	12
13	1.230 B	5.400 B	2.010 B	29.2	6.14	5.31	1.57	3.25	12.0	5.34	4.32	7.000 B	13
14	1.200 B	5.100 B	1.980 B	33.8	5.91	5.30	1.86	2.81	7.60	5.31	4.200 B	6.600 B	14
15	1.180 B	4.900 B	1.920 B	35.0	5.42	5.23	2.30	2.80	5.58	5.25	4.500 B	6.400 B	15
16	1.160 B	4.600 B	1.880 B	35.4	5.03	4.54	3.61	2.77	4.60	5.21	4.000 B	6.080 B	16
17	1.140 B	4.400 B	1.840 B	36.4	5.01	4.52	2.45	2.77	3.99	4.81	4.02	5.800 B	17
18	1.120 B	4.220 B	1.820 B	36.0	4.81	3.93	2.37	2.29	3.53	4.69	3.75	5.400 B	18
19	1.100 B	4.090 B	1.950 B	31.8	4.72	3.71	2.42	2.45	3.32	4.53	3.550 B	5.200 B	19
20	1.080 B	3.950 B	5.000 B	28.5	5.21	3.71	2.27	2.48	3.22	4.32	3.400 B	5.000 B	20
21	2.500 B	3.800 B	8.000 B	26.5	6.62	3.48	1.93	2.16	3.12	4.29	4.700 B	4.800 B	21
22	3.300 B	3.600 B	7.400 B	40.1	7.26	3.00	1.59	2.18	2.96	4.18	6.000 B	4.500 B	22
23	2.900 B	3.450 B	6.600 B	40.6	13.2	2.78	1.22	1.94	3.39	4.45	6.900 B	4.800 B	23
24	2.700 B	3.300 B	6.200 B	29.7	31.4	2.89	0.950	8.18	7.01	4.72	6.300 B	4.600 B	24
25	2.500 B	3.200 B	5.600 B	26.9	39.7	2.61	0.763	16.8	7.29	4.40	5.800 B	4.400 B	25
26	7.000 B	3.100 B	7.200 B	27.8	23.6	2.31	1.10	9.77	6.40	4.27	5.400 B	5.600 B	26
27	23.8 B	3.000 B	10.0 B	25.5	16.3	2.04	2.57	6.54	4.96	4.21	8.000 B	6.000 B	27
28	21.0 B	2.900 B	19.0 B	23.0	15.9	2.70	1.77	6.10	4.16	3.97	9.000 B	5.600 B	28
29	19.0 B		20.5 B	20.4	14.4	2.89	1.28	4.97	3.75	4.14	8.400 B	5.300 B	29
30	17.5 B		30.0 B	18.3	12.5	2.49	0.867	3.95	5.49	4.77	7.800 B	5.000 B	30
31	16.0 B		46.0 B		10.6		2.19	3.42		5.18		4.800 B	31
TOTAL	145.22	175.44	213.43	897.4	361.88	159.82	60.550	142.06	136.45	185.16	152.84	244.98	TOTAL
MEAN	4.68	6.27	6.88	29.9	11.7	5.33	1.95	4.58	4.55	5.97	5.09	7.90	MEAN
MAX	23.8	14.5	46.0	52.6	39.7	11.8	3.61	16.8	12.0	16.3	9.00	21.7	MAX
MIN	1.08	2.90	1.82	15.1	4.72	2.04	0.763	1.61	2.21	3.97	2.97	4.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.88
MAXIMUM DAILY, 52.6B ON APR 1
MINIMUM DAILY, 0.763 ON JUL 25
MAXIMUM INSTANTANEOUS,
53.2 AT 00:05 AST ON APR 3

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 16 N
LONG 67 44 41 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 500	JUL	5 230
FEB	15 200	AUG	12 300
MAR	18 400	SEP	11 800
APR	77 500	OCT	16 000
MAY	31 300	NOV	13 200
JUN	13 800	DEC	21 200

TOTAL DISCHARGE, 248 000 dam³

BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING - STATION NO. 01BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30B	6.60B	2.03B	13.0 B	26.9	5.77	3.21	3.11	4.62	3.53	3.17	2.10B	1
2	2.25B	6.00B	2.00B	20.0 B	25.7	6.24	3.08	2.67	4.40	3.46	3.15	3.80B	2
3	2.20B	5.30B	1.95B	25.0 B	23.3	5.86	2.82	2.43	4.36	3.37	3.02	3.20B	3
4	2.10B	5.00B	1.90B	17.0 B	20.7	5.44	2.96	2.51	4.18	3.50	3.01	4.00B	4
5	2.05B	4.70B	1.89B	15.0 B	18.5	5.13	3.23	2.29	3.94	3.96	2.94	6.00B	5
6	2.00B	4.50B	1.88B	13.0 B	17.3	4.85	3.09	2.10	4.23	3.80	2.91B	5.80B	6
7	1.95B	4.30B	1.84B	11.5 B	16.3	4.66	2.84	4.01	4.44	3.63	2.88B	5.10B	7
8	1.92B	4.00B	1.80B	10.0 B	15.0	5.47	2.87	9.56	4.11	3.51	2.85	4.60B	8
9	1.88B	3.80B	1.78B	9.60B	13.9	6.10	2.78	11.9	3.73	3.45	2.92	4.20B	9
10	1.82B	3.60B	1.76B	12.0 B	13.0	5.21	2.85	9.70	3.62	3.33	3.15	3.70B	10
11	1.80B	3.44B	1.75B	16.0 B	12.3	4.71	2.56	6.98	3.58	3.21	3.05	3.40B	11
12	1.78B	3.30B	1.73B	19.8	11.5	4.40	2.51	6.02	4.45	3.24	2.94	3.15B	12
13	1.75B	3.15B	1.70B	27.5	11.0	4.33	2.38	4.88A	4.83	3.22	2.89	2.97B	13
14	1.71B	3.00B	1.68B	28.0	10.3	4.48	2.37	3.80E	4.17	3.21	2.70B	2.65B	14
15	1.69B	2.90B	1.65B	28.2	9.48	4.20	3.05	3.20E	3.78	3.24	2.80B	2.50B	15
16	1.66B	2.80B	1.63B	29.4	8.81	3.87	3.12	2.95E	3.51	3.18	2.50B	2.35B	16
17	1.64B	2.70B	1.70B	33.3	8.60	3.92	2.84	2.85E	3.33	3.04	2.30B	2.25B	17
18	1.61B	2.60B	1.95B	36.1	8.23	3.84	2.63	2.80E	3.49	3.04	2.15B	2.19B	18
19	1.60B	2.55B	3.20B	31.6	7.97	3.80	2.85	3.50E	3.45	2.95	1.77B	2.11B	19
20	1.90B	2.50B	4.90B	29.1	7.85	3.62	2.73	3.70E	3.23	2.85	2.00B	2.02B	20
21	2.25B	2.45B	4.60B	28.1	7.85	3.50	2.63	3.10E	3.24	2.76	2.20B	1.95B	21
22	2.60B	2.35B	4.40B	29.8	8.71	3.39	2.16	2.85E	3.11	2.78	2.00B	1.88B	22
23	2.50B	2.30B	3.90B	33.4	10.7	3.23	2.42	2.50E	3.02	2.91	1.85B	1.82B	23
24	2.40B	2.25B	3.70B	37.7	9.35	3.29	2.27	9.40E	3.28	3.04	1.85B	1.79B	24
25	2.20B	2.20B	3.50B	37.7	8.45	3.38	2.09	10.0 E	4.15	3.07	2.00B	1.76B	25
26	2.10B	2.15B	4.80B	35.4	7.51	3.20	2.07	10.1 A	4.92	2.92	1.75B	3.00B	26
27	3.10B	2.11B	6.10B	35.4	7.09	3.18	2.16	7.50	4.19	2.75	4.20B	4.30B	27
28	6.20B	2.08B	5.60B	34.0	6.72	3.31	2.21	6.46	3.79	2.84	4.80B	6.00B	28
29	8.20B		5.35B	32.2	6.53	3.34	2.12	5.55	3.44	2.83	4.20B	3.75B	29
30	7.60B		7.10B	29.0	6.25	3.31	2.14	5.17	3.52	2.95	3.60B	3.55B	30
31	7.00B		9.00B		6.07		2.40	4.89		3.33		3.40B	31
TOTAL	83.86	94.63	98.76	757.40	371.97	129.17	81.51	158.28	116.11	98.92	83.63	100.02	TOTAL
MEAN	2.71	3.38	3.19	25.2	12.0	4.31	2.63	5.11	3.87	3.19	2.79	3.23	MEAN
MAX	8.20	6.60	9.00	37.7	26.9	6.24	3.23	11.9	4.92	3.96	4.80	6.00	MAX
MIN	1.60	2.08	1.63	9.60	6.07	3.18	2.07	2.10	3.02	2.75	1.75	1.76	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.96
MAXIMUM DAILY, 37.7 ON APR 24
MINIMUM DAILY, 1.60B ON JAN 19
MAXIMUM INSTANTANEOUS,
39.0 AT 20:00 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 26 06 N
LONG 65 08 25 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 250	JUL	7 040
FEB	8 180	AUG	13 700
MAR	8 530	SEP	10 000
APR	65 400	OCT	8 550
MAY	32 100	NOV	7 230
JUN	11 200	DEC	8 640

TOTAL DISCHARGE, 188 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "TRACADIE RIVER AT MURCHY BRIDGE CROSSING" TO 1985

BURPEE MILLSTREAM NEAR FERAMOUNT - STATION NO. 01AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.355B	3.45 B	0.320B	14.0 B	3.10	1.38	0.302	2.69 E	1.03 E	2.72	0.557	5.42	1
2	0.320B	2.95 B	0.308B	12.0 B	2.74	3.01	0.244	1.75 E	0.940A	2.13	0.647	6.08	2
3	0.305B	2.65 B	0.290B	8.30B	2.44	3.26	0.236	1.35 E	0.859	1.62	0.799	8.23	3
4	0.307B	2.35 B	0.276B	6.50B	2.12	2.23	0.248	1.25 E	0.756	1.73	0.819	12.5	4
5	0.315B	2.10 B	0.284B	5.50B	1.94	1.73	0.264	0.930E	0.683	2.14	0.884	8.30	5
6	0.340B	1.88 B	0.250B	4.90B	1.83	1.46	0.285	0.885E	0.655	1.96	1.17	6.92	6
7	0.320B	1.70 B	0.240B	4.10B	1.75	1.14	0.273	0.545E	0.752	1.85	0.859	6.78	7
8	0.276B	1.52 B	0.230B	3.60B	1.62	2.12	0.268	1.01 E	0.621	1.40	0.787	5.40 B	8
9	0.285B	1.39 B	0.210B	10.4 B	1.45	4.29	0.237	3.50 E	0.493	1.22	0.962	4.80 B	9
10	0.292B	1.23 B	0.209B	18.0 B	1.28	2.49	0.201	3.75 E	0.563	1.16	1.58	4.10 B	10
11	0.278B	1.12 B	0.200B	16.5 B	1.12	1.75	0.198	2.65 E	1.40	1.05	1.33	3.50 B	11
12	0.265B	1.03 B	0.192B	14.5 B	1.04	1.31	0.196	2.11 E	2.05	0.950	1.14	2.95 B	12
13	0.274B	0.940B	0.168B	12.8 B	0.940	1.14	0.171	1.48 E	2.20	0.862	0.887B	2.60 B	13
14	0.274B	0.860B	0.160B	12.0	0.879	1.03	0.243	1.05 E	1.53	0.836	0.987B	2.20 B	14
15	0.272B	0.790B	0.192B	11.2	0.783	0.863	0.496	0.850E	1.05	1.08	0.920B	1.90 B	15
16	0.270B	0.730B	0.212B	11.6	0.873	0.751	0.420	0.730E	0.895	0.986	0.870B	1.65 B	16
17	0.250B	0.680B	0.203B	12.3	0.637	0.710	0.380	0.700E	0.749	0.941	0.815B	1.40 B	17
18	0.270B	0.630B	0.195B	11.2	0.683	0.613	1.12	0.640E	0.609	0.800	0.760B	1.20 B	18
19	0.300B	0.580B	0.242B	8.81	0.695	0.512	1.19	2.78 E	0.536	0.736	1.39	1.10 B	19
20	0.404B	0.540B	0.900B	7.30	0.646	0.464	0.890	2.50 E	0.527	0.663	2.02	0.900B	20
21	1.31 B	0.510B	2.21 B	6.48	0.864	0.451	0.605	1.59 E	0.422	0.647	2.50	0.805B	21
22	1.12 B	0.480B	1.90 B	7.72	0.687	0.428	0.517	1.18 E	0.486	0.618	4.83	0.730B	22
23	0.900B	0.450B	1.85 B	8.31	1.65	0.392	0.366	0.910E	0.537	0.633	4.75	0.690B	23
24	0.703B	0.430B	1.47 B	15.0	4.02	0.358	0.246A	1.26 E	1.75	0.607	11.5 B	0.640B	24
25	0.600B	0.410B	1.31 B	9.81	5.58	0.346	0.235E	2.50 E	1.87	0.637	10.7	0.610B	25
26	0.500B	0.378B	1.18 B	7.66	3.58	0.345	0.300E	2.20 E	1.74	0.632	10.8	0.660B	26
27	3.00 B	0.366B	2.02 B	6.33	2.47	0.277	0.725E	1.83 E	1.41	0.608	13.3 B	1.10 B	27
28	6.50 B	0.352B	4.60 B	5.15	1.93	0.392	0.835E	2.62 E	1.14	0.595	10.9 B	1.35 B	28
29	10.5 B		5.50 B	4.31	1.68	0.384	1.10 E	1.81 E	0.881	0.640	7.66	1.10 B	29
30	7.90 B		5.95 B	3.84	1.53	0.354	0.792E	1.41 E	1.79	0.638	5.38	0.920B	30
31	4.60 B		12.0 B		1.43		1.42 E	1.19 E		0.666		0.800B	31
TOTAL	43.607	32.496	45.098	280.02	53.597	35.881	14.918	51.430	31.902	33.705	102.611	97.535	TOTAL
MEAN	1.41	1.16	1.45	9.33	1.73	1.20	0.481	1.66	1.06	1.09	3.42	3.15	MEAN
MAX	10.5	3.45	12.0	18.0	5.58	4.29	1.42	3.76	2.95	2.72	13.3	12.5	MAX
MIN	0.250	0.352	0.160	3.60	0.637	0.277	0.171	0.545	0.432	0.595	0.557	0.610	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 18.0B ON APR 10
MINIMUM DAILY, 0.171 ON JUL 13

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 18 41 W
DRAINAGE AREA, 93.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 770	JUL	1 290
FEB	2 810	AUG	4 440
MAR	3 900	SEP	2 760
APR	24 200	OCT	2 920
MAY	4 630	NOV	8 870
JUN	3 110	DEC	8 430

TOTAL DISCHARGE, 71 100 dam³

CANAAN RIVER AT EAST CANAAN - STATION NO. 01AP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88 B	17.5 B	1.50 B	86.0 B	20.3	7.72	1.81	30.5	6.31	10.7	2.12	23.9	1
2	1.67 B	15.0 B	1.45 B	83.0 B	18.3	12.9	1.65	24.7	4.80	9.89	2.42	15.9	2
3	1.45 B	13.2 B	1.40 B	73.0 B	16.3	21.5	1.35	16.3	4.44	7.57	4.11	13.6	3
4	1.34 B	11.0 B	1.35 B	60.0 B	13.8	15.4	1.28	12.9	3.84	6.95	3.85	23.1	4
5	1.22 B	9.40 B	1.32 B	50.0 B	11.4	11.7	1.26	10.3	3.18	9.03	3.74	20.0 B	5
6	1.15 B	8.60 B	1.28 B	38.0 B	10.2	9.38	1.26	6.71	2.79	8.42	3.16	15.0 B	6
7	1.08 B	7.80 B	1.22 B	34.4	9.60	7.14	1.27	5.18	2.68	7.73	2.98 B	13.0 B	7
8	1.02 B	6.70 B	1.18 B	26.5	8.22	6.01	1.18	4.46	2.63	6.61	2.91	11.0 B	8
9	0.990 B	5.90 B	1.14 B	44.9	7.05	11.6	1.07	4.26	2.21	5.49	3.06	9.40 B	9
10	0.970 B	5.40 B	1.10 B	81.4	6.33	9.57	0.986	9.23	2.04	5.63	3.94	8.50 B	10
11	0.950 B	4.80 B	1.06 B	103	5.50	6.97	0.919	10.8	2.17	5.12	3.79	7.90 B	11
12	0.930 B	4.20 B	1.05 B	98.6	4.89	5.55	0.887	9.40	8.63	4.76	3.45	7.10 B	12
13	0.910 B	3.90 B	1.03 B	101	4.50	4.48	0.859	6.78	12.9	4.02	3.35	6.50 B	13
14	0.900 B	3.65 B	1.00 B	79.2	3.84	4.00	0.784	4.76	9.05	3.77	2.98 B	5.90 B	14
15	0.890 B	3.40 B	0.970 B	63.9	3.38	3.64	0.813	2.51	6.27	3.69	2.72 B	5.42 B	15
16	0.870 B	3.10 B	0.950 B	66.6	3.03	3.11	1.35	2.86	4.51	3.49	2.38 B	5.00 B	16
17	0.860 B	2.85 B	1.20 B	65.2	2.77	2.82	1.59	2.88	3.70	2.89	2.15 B	4.65 B	17
18	0.860 B	2.70 B	1.70 B	46.0	2.64	2.47	1.87	2.60	2.95	2.88	1.92 B	4.40 B	18
19	1.30 B	2.50 B	3.00 B	36.0	2.54	2.02	1.56	11.9	2.59	3.19	1.73 B	4.15 B	19
20	2.00 B	2.30 B	5.60 B	30.7	2.39	1.79	1.61	23.3	2.30	2.89	1.60 B	3.90 B	20
21	4.30 B	2.22 B	8.60 B	28.4	2.25	1.49	1.31	14.7	2.10	2.56	1.90 B	3.70 B	21
22	3.90 B	2.10 B	6.00 B	33.6	2.72	1.31	0.984	9.07	1.97	2.54	4.00 B	3.58 B	22
23	3.25 B	2.00 B	5.00 B	62.6	5.95	1.22	0.786	6.08	2.04	2.56	14.0 B	3.44 B	23
24	2.90 B	1.90 B	4.50 B	98.5	33.5	1.16	0.615	4.84	11.8	2.57	24.0 B	3.30 B	24
25	2.52 B	1.80 B	4.15 B	80.7	53.0	1.12	0.549	16.5	20.1	2.51	36.5 B	3.18 B	25
26	24.0 B	1.72 B	4.00 B	61.0	32.1	1.13	0.512	26.3	24.2	2.44	23.0 B	3.90 B	26
27	33.0 B	1.60 B	6.80 B	42.4	20.8	1.04	0.646	19.0	18.0	2.36	60.0 B	5.00 B	27
28	40.2 B	1.60 B	13.0 B	35.2	14.7	1.10	2.53	26.2	12.7	2.63	46.0 B	5.95 B	28
29	30.5 B		40.0 B	28.9	12.1	1.24	5.34	18.9	9.18	2.45	42.5	5.15 B	29
30	25.0 B		88.0 B	23.9	9.54	1.29	4.48	12.5	7.89	2.39	32.0	4.60 B	30
31	21.0 B		103 B		8.16		12.0	8.48		2.28		3.94 B	31
TOTAL	210.710	148.87	231.880	1 722.9	350.80	151.88	54.400	375.59	199.97	141.81	332.40	254.06	TOTAL
MEAN	6.83	5.32	8.61	57.4	11.3	5.06	1.75	12.1	6.67	4.57	11.1	8.20	MEAN
MAX	40.2	17.5	103	102	53.0	21.5	12.0	30.5	24.2	10.7	60.0	23.9	MAX
MIN	0.860	1.60	0.950	23.9	2.25	1.04	0.512	2.60	1.97	2.28	1.60	3.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.6
MAXIMUM DAILY, 103 ON MAR 31
MINIMUM DAILY, 0.512 ON JUL 26
MAXIMUM INSTANTANEOUS,
113 AT 23:50 AST ON APR 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 19 N
LONG 65 22 00 W
DRAINAGE AREA, 668 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 600	JUL	4 700
FEB	12 900	AUG	32 500
MAR	25 200	SEP	17 300
APR	149 000	OCT	12 300
MAY	30 300	NOV	28 700
JUN	14 000	DEC	22 000

TOTAL DISCHARGE, 368 000 dam³

CASTAWAY STREAM NEAR CASTAWAY - STATION NO. 01AN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.065 B	1.55 B	0.130 B	5.00 E	1.63	0.784	0.228	1.16	0.375	0.859	0.249	0.838	1
2	0.062 B	1.30 B	0.125 B	5.00 E	1.53	1.55	0.201	0.726	0.343	0.694	0.281	0.630	2
3	0.059 B	1.10 B	0.120 B	4.00 E	1.43	1.59	0.185	0.525	0.322	0.529	0.298	0.662	3
4	0.056 B	0.990 B	0.116 B	3.30 E	1.25	1.11	0.182	0.489	0.306	0.506	0.284	1.58	4
5	0.054 B	0.900 B	0.112 B	3.00 E	1.12	0.896	0.207	0.366	0.272	0.587	0.279	1.65	5
6	0.052 B	0.760 B	0.109 B	2.20 E	1.00	0.761	0.182	0.286	0.276	0.492	0.261	1.36	6
7	0.050 B	0.660 B	0.107 B	1.70 E	0.886	0.603	0.170	0.282	0.306	0.442	0.261	1.05	7
8	0.048 B	0.580 B	0.106 B	1.30 E	0.820	0.758	0.168	0.407	0.280	0.413	0.262	0.787	8
9	0.046 B	0.520 B	0.098 B	1.70 E	0.755	1.34	0.156	1.51	0.261	0.389	0.288	0.737	9
10	0.044 B	0.450 B	0.098 B	2.50 E	0.677	0.855	0.148	1.82	0.252	0.399	0.388	0.684	10
11	0.042 B	0.400 B	0.093 B	3.00 E	0.609	0.654	0.123	1.16	0.340	0.360	0.327	0.604	11
12	0.041 B	0.345 B	0.090 B	4.40 E	0.557	0.537	0.120	0.920	1.24	0.340	0.276	0.561	12
13	0.039 B	0.300 B	0.087 B	5.00 E	0.513	0.456	0.117	0.568	1.10	0.328	0.265	0.532	13
14	0.038 B	0.272 B	0.090 B	5.00 E	0.460	0.428	0.128	0.408	0.624	0.322	0.236	0.485	14
15	0.036 B	0.252 B	0.094 B	5.50 E	0.411	0.396	0.276	0.348	0.449	0.416	0.245	0.454	15
16	0.035 B	0.240 B	0.092 B	4.70 E	0.400	0.351	0.271	0.311	0.365	0.396	0.224	0.427	16
17	0.034 B	0.230 B	0.090 B	4.00 E	0.393	0.334	0.300	0.306	0.336	0.345	0.245	0.377	17
18	0.033 B	0.215 B	0.087 B	3.50 E	0.402	0.311	0.470	0.281	0.309	0.314	0.244	0.365	18
19	0.040 B	0.200 B	0.140 E	3.00 E	0.383	0.294	0.500	1.22	0.283	0.303	0.206	0.365	19
20	0.175 B	0.190 B	0.300 E	2.50 E	0.366	0.268	0.312	1.09	0.264	0.283	0.223	0.344	20
21	0.440 B	0.182 B	0.686 E	2.29	0.355	0.254	0.228	0.639	0.239	0.283	0.200	0.312	21
22	0.314 B	0.176 B	0.550 E	2.86	0.382	0.235	0.178	0.485	0.243	0.287	0.221	0.298	22
23	0.275 B	0.169 B	0.510 E	3.03	1.17	0.228	0.166	0.380	0.286	0.282	0.253	0.287	23
24	0.235 B	0.161 B	0.480 E	6.15	3.24	0.220	0.126	0.530	1.10	0.282	0.325	0.278	24
25	0.210 B	0.157 B	0.500 E	3.82	3.70	0.217	0.113	1.08	1.07	0.287	0.526	0.286	25
26	0.700 B	0.148 B	0.730 E	3.12	2.29	0.202	0.143	0.937	0.831	0.280	0.539	0.572	26
27	4.20 B	0.144 B	1.00 E	2.68	1.80	0.175	0.317	0.784	0.620	0.287	1.53	0.586	27
28	3.10 B	0.137 B	1.30 E	2.44	1.24	0.261	0.305	1.15	0.467	0.281	1.55	0.460	28
29	2.40 B		1.90 E	2.16	1.05	0.252	0.429	0.757	0.374	0.282	1.42	0.405	29
30	2.10 B		2.80 E	1.89	0.884	0.233	0.330	0.563	0.543	0.280	1.06	0.377	30
31	1.90 B		3.00 E		0.803		0.619	0.468		0.277		0.344	31
TOTAL	16.823	12.739	18.297	102.87	32.316	16.553	7.487	21.688	14.086	11.835	12.966	18.677	TOTAL
MEAN	0.546	0.455	0.591	3.43	1.04	0.552	0.242	0.699	0.470	0.382	0.432	0.602	MEAN
MAX	4.20	1.55	3.00	6.15	3.70	1.59	0.619	1.82	1.24	0.859	1.55	1.65	MAX
MIN	0.033	0.137	0.087	1.30	0.355	0.175	0.113	0.282	0.239	0.267	0.200	0.278	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.776
MAXIMUM DAILY, 6.15 ON APR 24
MINIMUM DAILY, 0.0330 ON JAN 18
MAXIMUM INSTANTANEOUS,
7.81 AT 03:21 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 65 42 43 W
DRAINAGE AREA, 34.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 460	JUL	647
FEB	1 100	AUG	1 870
MAR	1 310	SEP	1 220
APR	8 880	OCT	1 020
MAY	2 790	NOV	1 120
JUN	1 430	DEC	1 610

TOTAL DISCHARGE, 24 600 dam³

REMARKS - PUBLISHED UNDER THE NAME "CASTAWAY BROOK NEAR CASTAWAY" TO 1968

CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET - STATION NO. 01AR012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.132	0.705	0.105	0.805	0.327	0.199	0.038	0.016	0.427	0.117	0.061	0.242	1
2	0.127	0.621	0.100	0.817	0.309	0.210	0.033	0.016	0.372	0.108	0.067	0.242	2
3	0.127	0.537	0.094	0.773	0.287	0.202	0.025	0.020	0.318	0.102	0.067	0.334	3
4	0.149	0.454	0.091	0.712	0.262	0.187	0.020	0.026	0.284	0.105	0.065	0.622	4
5	0.145	0.416	0.087	0.654	0.245	0.178	0.019	0.026	0.271	0.106	0.061	0.694	5
6	0.148	0.372	0.082	0.582	0.230	0.170	0.019	0.024	0.259	0.101	0.059	0.651	6
7	0.142	0.327	0.100	0.526	0.220	0.158	0.020	0.024	0.264	0.097	0.063	0.592	7
8	0.134	0.302	0.108	0.494	0.207	0.145	0.018	0.029	0.253	0.091	0.061	0.559	8
9	0.130	0.277	0.104	0.582	0.192	0.149	0.015	0.033	0.237	0.092	0.061	0.620	9
10	0.127	0.254	0.085	0.698	0.178	0.143	0.013	0.048	0.238	0.087	0.059	0.640	10
11	0.119	0.235	0.074	0.724	0.168	0.138	0.011	0.047	0.230	0.083	0.057	0.570	11
12	0.114	0.220	0.073	0.722	0.154	0.132	0.009	0.051	0.229	0.080	0.059	0.496	12
13	0.111	0.210	0.073	0.718	0.138	0.127	0.008	0.055	0.218	0.078	0.058	0.426	13
14	0.107	0.198	0.078	[illegible]	0.130	0.129	0.009	0.063	0.192	0.080	0.054	0.356	14
15	0.104	0.182	0.101	[illegible]	0.122	0.128	0.013	0.061	0.169	0.083	0.051	0.321	15
16	0.101	0.171	0.112	0.[illegible]40	0.112	0.120	0.012	0.076	0.165	0.081	0.049	0.316A	16
17	0.096	0.164	0.112	0.478	0.109	0.110	0.009	0.104	0.151	0.080	0.048	0.275A	17
18	0.095	0.155	0.109	0.430	0.104	0.097	0.011	0.108	0.139	0.076	0.046	0.251	18
19	0.094	0.146	0.127	0.386	0.098	0.089	0.013	0.142	0.132	0.072	0.045	0.229	19
20	0.135	0.137	0.172	0.350	0.093	0.082	0.013	0.168	0.126	0.069	0.046	0.214	20
21	0.188	0.130	0.184	0.323	0.087	0.072	0.013	0.178	0.117	0.068	0.064	0.206	21
22	0.243	0.141	0.215	0.307	0.089	0.065	0.010	0.177	0.105	0.072	0.096	0.190	22
23	0.295	0.134	0.224	0.310	0.098	0.059	0.008	0.155	0.103	0.072	0.083	0.176	23
24	0.321	0.129	0.232	0.353	0.132	0.055	0.007	0.223	0.120	0.068	0.104	0.165	24
25	0.335	0.126	0.231	0.369	0.161	0.052	0.007	0.348	0.135	0.062	0.122	0.174	25
26	0.337	0.124	0.233	0.377	0.171	0.047	0.007	0.444	0.127	0.063	0.129	0.228	26
27	0.404	0.120	0.255	0.397	0.176	0.042	0.010	0.532	0.115	0.067	0.176	0.250	27
28	0.748	0.112	0.408	0.382	0.182	0.044	0.016	0.605	0.109	0.068	0.209	0.262	28
29	1.01		0.514	0.362	0.190	0.044	0.014	0.587	0.103	0.068	0.229	0.264	29
30	1.01		0.607	0.343	0.194	0.041	0.011	0.553	0.115	0.066	0.242	0.265	30
31	0.851		0.704		0.187		0.015	0.488		0.064		0.256	31
TOTAL	8.190	7.109	5.804	15.781	5.362	3.410	0.446	5.427	5.809	2.527	2.601	11.0[illegible]	TOTAL
MEAN	0.264	0.254	0.187	0.526	0.173	0.114	0.014	0.175	0.194	0.082	0.087	0.358	MEAN
MAX	1.01	0.705	0.704	0.817	0.327	0.210	0.038	0.605	0.427	0.117	0.242	0.694	MAX
MIN	0.094	0.112	0.073	0.307	0.087	0.041	0.007	0.016	0.103	0.062	0.045	0.165	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.202
MAXIMUM DAILY, 1.01 ON JAN 29
MINIMUM DAILY, 0.007 ON JUL 24
MAXIMUM INSTANTANEOUS,
1.05 AT 04:12 AST ON JAN 30

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 26 N
LONG 67 05 46 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	708	JUL	38.5
FEB	614	AUG	469
MAR	501	SEP	502
APR	1 360	OCT	218
MAY	463	NOV	225
JUN	295	DEC	953

TOTAL DISCHARGE, 8 350 dam³

COAL BRANCH RIVER AT BEERSVILLE - STATION NO. 01BS001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.540B	4.50 B	0.520B	38.0 B	6.56	4.27	0.722	4.65	1.32	2.50	0.656	7.00 B	1
2	0.510B	3.70 B	0.600B	30.0 B	5.61	7.08	0.701	2.87	1.13	2.24	0.825	4.60 B	2
3	0.462B	3.35 B	0.580B	24.0 B	5.04	8.46	0.672	2.14	1.08	1.84	1.12	3.40 B	3
4	0.438B	2.70 B	0.570B	19.0 B	4.15	6.06	0.653	1.97	0.893	1.70	0.982	5.40 B	4
5	0.410B	2.30 B	0.550B	[illegible].0 B	3.50	4.85	0.646	1.50	0.903	2.01	0.887	5.10 B	5
6	0.390B	2.13 B	0.540B	11.9 B	3.08	6.15	0.632	1.11	0.830	1.73	0.850B	4.40 B	6
7	0.360B	2.00 B	0.530B	10.9	2.82	3.57	0.614	0.903	0.810	1.45	0.815	3.80 B	7
8	0.340B	1.82 B	0.520B	8.61	2.56	3.55	0.573	0.788	0.767	1.28	0.780B	3.25 B	8
9	0.330B	1.70 B	0.500B	12.3	2.38	8.92	0.532	1.87	0.647	1.20	0.829	2.80 B	9
10	0.318B	1.58 B	0.490B	24.7	2.22	5.79	0.501	3.79	0.627	1.28	1.00	2.50 B	10
11	0.308B	1.48 B	0.480B	25.1	2.01	4.35	0.492	3.02	0.812	1.16	0.936	2.25 B	11
12	0.300B	1.36 B	0.469B	24.9	1.88	3.72	0.486	2.50	5.35	1.08	0.871	2.05 B	12
13	0.290B	1.31 B	0.460B	25.5	1.71	3.24	0.477	1.72	5.29	1.01	0.824	1.87 B	13
14	0.282B	1.23 B	0.450B	20.5	1.54	2.88	0.469	1.27	2.85	0.992	0.750B	1.75 B	14
15	0.274B	1.18 B	0.450B	18.9	1.40	2.55	0.634	1.04	1.91	1.05	0.700B	1.71 B	15
16	0.268B	1.10 B	0.448B	17.3	1.27	2.30	0.911	0.892	1.67	0.943	0.640B	1.55 B	16
17	0.264B	1.03 B	0.462B	18.6	1.24	2.08	0.752	0.825	1.20	0.900	0.590B	1.48 B	17
18	0.258B	0.880B	0.600B	15.5	1.24	1.81	0.629	0.843	1.03	0.909	0.550B	1.38 B	18
19	0.340B	0.940B	1.20 B	11.9	1.21	1.60	0.606	5.00	0.896	0.974	0.530B	1.30 B	19
20	0.800B	0.900B	1.90 B	9.90	1.16	1.42	0.546	5.96	0.828	0.931	0.500B	1.22 B	20
21	1.10 B	0.860B	2.40 B	9.53	1.10	1.28	0.458	4.11	0.798	0.884	1.10 B	1.15 B	21
22	0.950B	0.820B	2.05 B	12.0	1.18	1.16	0.426	2.57	0.762	0.874	2.30 B	1.10 B	22
23	0.820B	0.780B	1.80 B	16.8	3.67	1.05	0.355	1.80	0.803	0.855	4.00 B	1.04 B	23
24	0.740B	0.750B	1.52 B	36.5	15.1	0.950	0.290	2.24	3.05	0.865	6.40 B	0.990B	24
25	0.640B	0.730B	1.30 B	20.5	18.6	0.871	0.286	7.72	5.11	0.877	9.00 B	0.960B	25
26	4.60 B	0.710B	1.04 B	17.7	11.5	0.801	0.424	5.87	5.03	0.827	7.90 B	1.40 B	26
27	7.40 B	0.680B	1.80 B	15.9	7.45	0.752	0.728	3.88	3.40	0.777	12.0 B	1.83 B	27
28	8.80 B	0.660B	3.60 B	12.1	6.71	0.716	0.645	4.35	2.40	0.778	15.0 B	1.62 B	28
29	7.80 B		8.00 B	9.48	8.57	0.705	0.621	2.94	1.86	0.781	13.0 B	1.42 B	29
30	6.50 B		20.0 B	7.60	6.20	0.723	0.582	2.06	1.81	0.780	10.5 B	1.32 B	30
31	5.20 B		33.0 B		4.94		1.91	1.56		0.744		1.22 B	31
TOTAL	53.032	43.300	88.939	540.80	138.10	91.868	18.982	84.881	55.857	36.211	96.835	72.860	TOTAL
MEAN	1.71	1.55	2.87	18.0	4.45	3.06	0.613	2.74	1.86	1.17	3.23	2.35	MEAN
MAX	8.80	4.50	33.0	38.0	18.6	8.92	1.91	7.72	5.35	2.50	15.0	7.00	MAX
MIN	0.258	0.660	0.448	7.60	1.10	0.705	0.280	0.788	0.627	0.744	0.500	0.960	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.62
MAXIMUM DAILY, 38.0B ON APR 1
MINIMUM DAILY, 0.258B ON JAN 18
MAXIMUM INSTANTANEOUS,
46.1 AT 04:15 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 37 N
LONG 65 03 55 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 580	JUL	1 640
FEB	3 740	AUG	7 330
MAR	7 680	SEP	4 830
APR	46 700	OCT	3 130
MAY	11 900	NOV	8 370
JUN	7 920	DEC	6 300

TOTAL DISCHARGE, 114 000 dam³

COLD STREAM AT COLDSTREAM - STATION NO 01AJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.678E	5.44	0.633	10.8	5.25	2.18	0.675	2.62	1.56	5.27	1.28	2.71	1
2	0.655E	4.95	0.543	10.5	5.56	2.56	0.505	1.60	1.45	4.03	1.23	2.41	2
3	0.632A	4.51	0.509	8.72	5.00	1.90	0.455	1.45	1.40	3.52	1.20	3.70	3
4	0.610E	3.38	0.488	6.87	4.30	1.65	0.424	1.30	1.26	3.77	1.19	8.91	4
5	0.595E	3.18	0.478	5.73	3.90	1.60	0.599	1.02	1.19	3.79	1.19	6.72	5
6	0.568A	2.88	0.468	4.76	3.67	1.45	0.561	0.846	1.32	3.34	1.02	5.31	6
7	0.541A	2.26	0.408	4.34	3.70	1.25	0.500	0.882	1.25	3.50	1.13	4.51	7
8	0.514E	2.15	0.404	3.81	3.29	2.16	0.562	4.11	1.09	3.02	1.08	3.53	8
9	0.487A	2.09	0.366	3.56	2.92	3.00	0.442	8.69	1.03	2.85	1.84	2.95	9
10	0.473E	1.87	0.353	3.67	2.66	1.81	0.332	5.52	0.953	2.62	2.51	3.25	10
11	0.460E	1.68	0.343	3.97	2.49	1.51	0.278	4.12	2.13	2.40	1.87	3.06	11
12	0.460E	1.53	0.301	7.39	2.28	1.34	0.257	3.52	8.31	2.29	1.78	2.90	12
13	0.450A	1.42	0.315	10.0	2.08	1.20	0.227	2.79	6.46	2.19	1.70	2.36	13
14	0.440A	1.23	0.323	10.3	1.93	1.24	0.340	2.31	4.64	2.08	1.07	2.14	14
15	0.473A	1.25	0.320	9.27	1.81	1.08	0.907	2.02	3.77	2.11	1.53	2.48	15
16	0.528A	1.15	0.307	9.15	1.66	1.59	0.707	2.53	3.30	1.91	1.63	1.94	16
17	0.582A	1.05	0.309	8.93	1.67	2.70	0.411	3.00	2.86	1.76	1.53	1.65	17
18	0.548	1.04	0.319	8.40	1.72	1.31	0.878	2.26	2.57	1.85	1.46	2.03	18
19	0.470	1.01	0.523	7.28	1.62	1.05	2.29	2.86	2.27	1.57	1.05	2.01	19
20	1.07	0.936	1.75	6.69	1.54	1.01	1.09	2.45	2.09	1.51	0.737	1.84	20
21	4.70	0.938	2.45	6.52	1.69	0.907	0.708	1.96	1.93	1.44	1.09	1.44	21
22	3.90	0.903	2.47	16.2	1.87	0.849	0.497	1.94	1.78	1.39	1.04	1.25	22
23	3.20	0.812	1.68	13.9	3.57	0.775	0.368	1.66	2.02	1.51	1.21	1.37B	23
24	2.70 A	0.834	1.23	14.6	3.49	0.722	0.286	2.88	3.22	1.83	1.50	1.20B	24
25	2.30 E	0.778	1.00	10.6	6.06	0.648	0.238	2.27	2.66	1.53	1.88	1.12B	25
26	10.0 E	0.755	1.73	8.93	2.99	0.634	0.808	2.43	2.23	1.38	1.62	1.83	26
27	37.0 E	0.689	5.64	7.97	2.54	0.507	2.14	2.39	1.92	1.25	5.10	1.56	27
28	28.0 A	0.609	7.26	6.96	2.88	0.948	0.985	2.84	1.71	1.17	5.13	1.05	28
29	12.0		6.22	6.23	2.60	1.10	0.707	2.17	1.58	1.18	4.09	1.29	29
30	8.57		9.08	5.71	2.16	0.905	0.546	1.88	4.22	1.49	3.34	1.25	30
31	6.86		14.6		1.98		1.52	1.71		1.43		1.18	31
TOTAL	130.464	51.324	62.820	241.76	88.58	41.605	21.259	81.028	74.172	70.78	54.007	80.95	TOTAL
MEAN	4.21	1.83	2.03	8.06	2.86	1.39	0.686	2.61	2.47	2.28	1.80	2.61	MEAN
MAX	37.0	5.44	14.6	16.2	5.56	3.00	2.29	8.69	8.31	5.27	5.13	8.91	MAX
MIN	0.440	0.609	0.301	3.56	1.49	0.507	0.227	0.846	0.953	1.17	0.737	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 37.0E ON JAN 27
MINIMUM DAILY, 0.227 ON JUL 13

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 32 N
LONG 67 28 05 W
DRAINAGE AREA, 156 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 300	JUL	1 840
FEB	4 430	AUG	7 000
MAR	5 430	SEP	6 410
APR	20 900	OCT	6 120
MAY	7 650	NOV	4 670
JUN	3 590	DEC	6 990

TOTAL DISCHARGE, 86 300 dam³

DENNIS STREAM NEAR ST. STEPHEN - STATION NO 01AR006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.680B	4.70 B	0.560B	16.0 B	3.94	1.69	0.152	0.166	1.83	1.41	0.494	3.68 B	1
2	0.603B	3.40 B	0.540B	15.7	3.63	1.79	0.150	0.124	1.45	1.27	0.549	2.87 B	2
3	0.560B	2.84 B	0.520B	13.1	[illegible]	1.67	0.165	0.220	1.13	1.21	0.582	6.98	3
4	0.610B	2.40 B	0.500B	10.2	[illegible]	1.54	0.153	0.304	0.924	1.48	0.581	11.1	4
5	0.740B	2.15 B	0.480B	7.78	2.66	1.42	0.144	0.203	0.782	1.61	0.574	9.22	5
6	0.850B	1.95 B	0.460B	6.01	2.47	1.27	0.143	0.168	0.723	1.56	0.570B	7.96	6
7	0.755B	1.80 B	0.440B	4.92	[illegible]	1.12	0.222	0.144	0.700	1.63	0.592	6.02	7
8	0.700B	1.68 B	0.425B	4.62	2.11	1.12	0.207	0.184	0.610	1.52	0.587	4.60	8
9	0.655B	1.53 B	0.410B	6.20	1.90	1.19	0.158	0.268	0.525	1.43	0.624	4.00 B	9
10	0.610B	1.42 B	0.398B	6.55	1.69	0.952	0.126	0.557	0.478	1.32	0.646	3.40 B	10
11	0.560B	1.32 B	0.405B	6.65	1.50	0.848	0.109	0.592	0.538	1.21	0.646	2.90 B	11
12	0.535B	1.23 B	0.430B	7.63	1.36	0.714	0.105	0.624	0.678	1.08	0.655	2.50 B	12
13	0.505B	1.18 B	0.500B	7.18	1.20	0.556	0.101	0.577	0.875	0.993	0.674	2.12 B	13
14	0.470B	1.11 B	0.700B	6.44	1.11	0.494	0.110	0.539	0.558	1.00	0.633	1.88 B	14
15	0.440B	1.07 B	1.15 B	5.69	0.983	0.409	0.154	0.513	0.492	1.06	0.605B	1.69 B	15
16	0.410B	1.02 B	1.64 B	4.89	0.851	0.393	0.136	0.722	0.509	0.947	0.580B	1.52 B	16
17	0.385B	0.960B	1.40 B	4.37	0.866	0.408	0.100	0.793	0.497	0.956	0.560B	1.37 B	17
18	0.355B	0.920B	1.11 B	3.88	0.832	0.461	0.156	0.673	0.452	0.913	0.540B	1.24 B	18
19	0.335B	0.890B	2.00 B	3.45	0.757	0.417	0.149	0.918	0.428	0.841	0.520B	1.17 B	19
20	0.560B	0.850B	4.80 B	3.10	0.701	0.360	0.118	0.666	0.387	0.803	0.500B	1.10 B	20
21	5.00 B	0.810B	6.30 B	2.86	0.664	0.305	0.095	0.527	0.356	0.765	0.600B	1.02 B	21
22	4.50 B	0.770B	5.20 B	3.47	0.633	0.251	0.073	0.486	0.330	0.756	0.780B	0.960B	22
23	3.80 B	0.750B	4.60 B	4.00	0.840	0.223	0.053	0.408	0.452	0.716	0.980B	0.920B	23
24	3.00 B	0.700B	4.00 B	6.27	2.81	0.207	0.044	4.47	0.999	0.685	1.25 B	0.880B	24
25	2.65 B	0.680B	3.50 B	6.79	3.56	0.182	0.034	3.47	1.27	0.631	1.80 B	1.60 B	25
26	3.90 B	0.660B	4.20 B	7.30	4.10	0.166	0.033	3.15	0.996	0.626	2.60 B	4.32 B	26
27	5.20 B	0.630B	6.00 B	7.47	4.46	0.152	0.078	4.27	0.873	0.596	4.75	3.85 B	27
28	7.00 B	0.600B	10.0 B	6.32	3.89	0.194	0.135	4.39	0.831	0.576	4.75	3.40 B	28
29	8.70 B		17.8 B	5.30	3.06	0.202	0.097	3.52	0.821	0.568	5.13	2.95 B	29
30	7.30 B		16.6 B	4.55	2.37	0.172	0.079	2.84	1.29	0.552	4.58	2.60 B	30
31	6.00 B		15.0 B		1.95		0.186	2.31		0.532		2.35 B	31
TOTAL	68.368	40.020	112.068	198.69	65.387	20.876	3.765	38.784	22.584	31.246	38.932	102.170	TOTAL
MEAN	2.21	1.43	3.62	6.62	2.11	0.696	0.121	1.25	0.753	1.01	1.30	3.30	MEAN
MAX	8.70	4.70	17.8	16.0	4.46	1.79	0.222	4.47	1.83	1.63	5.13	11.1	MAX
MIN	0.335	0.600	0.398	2.86	0.633	0.152	0.033	0.124	0.330	0.532	0.494	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.04
MAXIMUM DAILY, 17.8B ON MAR 29
MINIMUM DAILY, 0.033 ON JUL 26
MAXIMUM INSTANTANEOUS,
17.8 AT 18:30 AST ON APR 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 35 N
LONG 67 15 45 W
DRAINAGE AREA, 115 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 910	JUL	325
FEB	3 460	AUG	3 350
MAR	9 680	SEP	1 950
APR	17 200	OCT	2 700
MAY	5 650	NOV	3 360
JUN	1 800	DEC	8 830

TOTAL DISCHARGE, 64 200 dam³

EEL RIVER NEAR DUNDEE - STATION NO. 01BJ012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.087B	0.480B	0.123B	0.500B	6.67	0.986	0.287	0.846	0.472	0.790	0.594	0.440B	1
2	0.086B	0.400B	0.120B	1.02 B	7.49	1.07	0.226	1.01	0.465	0.622	0.618	0.430B	2
3	0.086B	0.360B	0.117B	3.30 B	5.32	0.881	0.232	0.779	0.407	0.586	0.598	0.530B	3
4	0.085B	0.325B	0.115B	2.80 B	3.80	0.769	0.241	0.449	0.396	0.766	0.553	0.860B	4
5	0.084B	0.298B	0.113B	2.50	3.18	0.658	0.305	0.313	0.357	0.840	0.530	1.10 B	5
6	0.083B	0.278B	0.110B	1.99	2.93	0.581	0.304	0.404	0.461	0.725	0.588	0.700B	6
7	0.082B	0.264B	0.108B	1.66	2.83	0.504	0.290	0.612	0.500	0.795	0.505	0.620B	7
8	0.081B	0.252B	0.106B	1.42	2.92	0.725	0.279	1.23	0.422	0.726	0.456	0.550B	8
9	0.080B	0.240B	0.104B	1.21	2.68	0.818	0.238	1.16	0.374	0.698	0.674	0.500B	9
10	0.079B	0.230B	0.102B	1.20	2.45	0.659	0.208	1.08	0.334	0.642	0.918	0.450B	10
11	0.078B	0.220B	0.100B	1.13	2.29	0.546	0.228	0.913	0.433	0.589	0.742	0.420B	11
12	0.077B	0.210B	0.098B	1.05	2.15	0.478	0.219	0.778	1.06	0.604	0.616	0.390B	12
13	0.076B	0.200B	0.097B	1.13	1.84	0.450	0.207	0.637	1.84	0.526	0.594	0.370B	13
14	0.075B	0.192B	0.096B	1.23	1.57	0.469	0.197	0.507	1.16	0.522	0.590B	0.350B	14
15	0.074B	0.186B	0.095B	1.21	1.31	0.429	0.725	0.461	0.914	0.561	0.588B	0.330B	15
16	0.073B	0.180B	0.094B	1.55 B	1.21	0.382	0.755	0.473	0.748	0.530	0.582B	0.315B	16
17	0.073B	0.173B	0.093B	2.32 B	1.11	0.390	0.427	0.474	0.655	0.495	0.580B	0.300B	17
18	0.072B	0.167B	0.092B	2.82	1.04	0.412	0.347	0.449	0.590	0.471	0.566	0.290B	18
19	0.078B	0.162B	0.091B	3.10	1.01	0.387	0.252	0.456	0.546	0.454	0.540B	0.280B	19
20	0.090B	0.157B	0.102B	3.45	1.50	0.366	0.388	0.440	0.547	0.444	0.500B	0.270B	20
21	0.125B	0.152B	0.160B	3.39	2.96	0.337	0.486	0.356	0.481	0.453	0.460B	0.260B	21
22	0.180B	0.147B	0.143B	4.39	4.87	0.300	0.445	0.333	0.447	0.601	0.425B	0.265B	22
23	0.290B	0.143B	0.127B	5.32	4.17	0.264	0.375	0.254	0.427	0.586	0.400B	0.270B	23
24	0.200B	0.139B	0.117B	4.82	3.09	0.266	0.309	0.575	0.612	0.651	0.620B	0.250B	24
25	0.163B	0.136B	0.113B	5.26	2.43	0.304	0.280	1.96	0.689	0.552	0.750B	0.230B	25
26	0.155B	0.133B	0.123B	6.21	1.94	0.273	0.266	1.22	0.593	0.521	0.650B	0.249B	26
27	0.230B	0.129B	0.143B	7.75	1.64	0.271	0.238	0.931	0.512	0.495	0.580B	0.237B	27
28	0.300B	0.127B	0.220B	9.05	1.39	0.290	0.191	0.785	0.491	0.593	0.540B	0.228B	28
29	0.430B		0.205B	8.57	1.18	0.298	0.174	0.602	0.429	0.618	0.500B	0.218B	29
30	0.560B		0.210B	6.47	1.11	0.296	0.178	0.550	0.725	0.702	0.470B	0.210B	30
31	0.600B		0.290B		0.970		0.278	0.527		0.647		0.201B	31
TOTAL	4.832	6.081	3.927	97.820	81.050	14.839	9.575	21.564	18.087	18.816	17.305	12.113	TOTAL
MEAN	0.156	0.217	0.127	3.26	2.61	0.495	0.309	0.696	0.603	0.607	0.577	0.391	MEAN
MAX	0.600	0.480	0.290	9.05	7.49	1.07	0.755	1.96	1.84	0.840	0.918	1.10	MAX
MIN	0.072	0.127	0.091	0.500	0.970	0.264	0.174	0.254	0.334	0.444	0.400	0.201	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.839
MAXIMUM DAILY, 9.05 ON APR 28
MINIMUM DAILY, 0.072B ON JAN 18
MAXIMUM INSTANTANEOUS,
11.6 AT 21:35 AST ON APR 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 19 N
LONG 66 29 30 W
DRAINAGE AREA, 43.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	417	JUL	827
FEB	525	AUG	1 860
MAR	339	SEP	1 560
APR	8 460	OCT	1 630
MAY	7 000	NOV	1 500
JUN	1 280	DEC	1 050

TOTAL DISCHARGE, 26 400 dam³

EEL RIVER NEAR SCOTT SIDING - STATION NO. 01AK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15 B	25.0 B	2.20B	62.0B	27.3	14.2	1.42	3.30	2.39	4.17	2.07	9.50B	1
2	2.00 B	21.5 B	2.05B	57.0B	25.6	15.4	1.31	3.84	1.86	4.45	2.27	9.00B	2
3	1.86 B	19.0 B	1.94B	50.3	23.7	14.8	1.30	3.91	1.68	4.15	2.20	8.60B	3
4	1.76 B	16.0 B	1.89B	45.8	21.0	13.3	1.25	3.56	1.45	4.71	2.34	17.0 B	4
5	1.65 B	14.9 B	1.80B	40.5	18.6	12.0	1.14	2.95	1.29	5.76	2.22	18.8 B	5
6	1.57 B	13.4 B	1.72B	36.1	16.9	10.9	1.21	2.41	1.25	5.84	2.18	20.0 B	6
7	1.46 B	12.0 B	1.64B	32.8	14.8	9.74	1.54	2.12	1.19	5.75	2.22	15.0 B	7
8	1.38 B	10.9 B	1.58B	28.7	13.1	9.68	1.77	2.93	1.06	5.33	2.16	12.5 B	8
9	1.29 B	9.70B	1.50B	26.2	11.9	10.3	1.45	7.27	1.05	4.92	2.73	11.5 B	9
10	1.20 B	9.18B	1.44B	24.4	11.0	9.67	1.15	14.1	1.01	4.36	3.39	10.0 B	10
11	1.14 B	8.10B	1.39B	23.7	9.85	8.82	0.986	16.4	1.54	3.91	3.25	8.70B	11
12	1.08 B	7.10B	1.33B	28.0	8.73	7.82	0.870	12.9	2.68	3.81	3.28	8.00B	12
13	1.01 B	6.40B	1.28B	32.8	7.98	7.14	0.851	9.13	4.03	3.85	3.42	7.30B	13
14	0.970B	5.80B	1.60B	35.1	7.42	6.60	0.961	6.72	4.47	3.58	3.30B	6.80B	14
15	0.926B	5.30B	2.20B	35.8	6.99	6.13	1.53	5.21	3.77	3.90	3.20B	6.40B	15
16	0.890B	4.85B	2.05B	34.4	6.32	5.39	1.61	4.50	2.87	3.36	3.16	6.00B	16
17	0.870B	4.45B	1.91B	33.0	6.13	5.51	1.55	3.93	2.15	3.12	3.01	5.60B	17
18	0.840B	4.00B	1.81B	31.7	5.85	4.83	1.90	3.59	1.72	2.80	2.70	5.30B	18
19	0.820B	3.80B	2.20B	29.7	5.61	3.93	2.57	3.40	1.45	2.68	2.50B	5.10B	19
20	1.61 B	3.50B	6.00B	27.5	5.03	3.68	2.28	3.42	1.19	2.61	2.40B	4.80B	20
21	3.50 B	3.30B	5.70B	25.6	5.01	3.41	2.01	3.33	1.07	2.56	2.70B	4.60B	21
22	6.80 B	3.10B	5.37B	30.7	5.09	3.04	1.64	3.03	0.948	2.53	4.00B	4.40B	22
23	11.0 B	2.90B	5.00B	37.9	6.54	2.80	1.33	2.39	1.07	2.49	3.60B	4.30B	23
24	9.80 B	3.30B	4.60B	45.1	14.8	2.50	1.13	3.66	1.95	2.65	4.20B	4.10B	24
25	8.90 B	3.00B	5.00B	45.1	26.6	2.21	1.00	5.81	2.47	2.45	4.60B	3.90B	25
26	8.00 B	2.92B	6.00B	42.7	29.9	1.80	0.915	6.15	2.88	2.36	4.80B	7.30B	26
27	20.0 B	2.66B	8.00B	39.2	26.8	1.48	0.908	5.90	2.44	2.37	8.00B	6.60B	27
28	56.0 B	2.45B	10.5 B	36.4	23.2	2.20	1.01	[illegible]	2.16	2.42	11.0 B	5.90B	28
29	44.0 B		15.0 B	33.1	20.3	2.13	0.872	5.25	1.86	2.28	11.2 B	5.50B	29
30	37.0 B		26.0 B	30.0	17.5	1.84	0.892	4.22	2.95	2.25	10.2 B	5.10B	30
31	29.0 B		70.0 B		15.3		1.69	3.18		2.09		4.70B	31
TOTAL	260.398	228.51	201.74	1 082.3	444.85	202.75	42.146	164.53	59.698	109.35	118.30	252.30	TOTAL
MEAN	8.40	8.16	6.51	36.1	14.4	6.76	1.36	5.31	1.99	3.53	3.94	8.14	MEAN
MAX	56.0	25.0	70.0	62.0	29.9	15.4	2.57	16.4	4.47	5.84	11.2	20.0	MAX
MIN	0.820	2.45	1.28	23.7	5.01	1.48	0.851	2.12	0.948	2.09	2.07	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.68
MAXIMUM DAILY, 70.0B ON MAR 31
MINIMUM DAILY, 0.820B ON JAN 19

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 12 N
LONG 67 32 49 W
DRAINAGE AREA, 531 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 500	JUL	3 640
FEB	19 700	AUG	14 200
MAR	17 400	SEP	5 160
APR	93 500	OCT	9 450
MAY	38 400	NOV	10 200
JUN	17 500	DEC	21 800

TOTAL DISCHARGE, 273 000 dam³

FISH RIVER NEAR FORT KENT - STATION NO. 01AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0 B	70.8B	21.7	47.3	143	77.0	28.1	21.6	73.6	50.7	30.3	25.3*	1
2	10.8 B	69.4B	20.5	64.0	136	74.5	27.4	24.9	69.4	52.1	30.0	25.1B	2
3	10.5 B	68.0B	19.5	81.6	128	70.5	26.0	27.0	65.7	53.2	29.4	27.4	3
4	10.2 B	66.5B	18.3	94.3	120	67.4	25.1	27.4	61.7	54.1	29.2	31.7	4
5	9.91B	65.1B	17.3	103	113	62.6	25.1	27.1	57.8	53.2	28.1	32.0	5
6	9.63B	62.3B	16.1	109	105	58.3	24.1	26.7	54.9	53.2	27.5	32.6	6
7	9.34B	60.3B	15.1	114	98.8	54.4	24.1	26.6	51.3	53.8	26.9	32.8	7
8	9.20B	58.3	14.9	116	92.8	53.0	23.4	28.1	48.4	53.6	26.5	32.6	8
9	8.92B	56.4	14.6	115	86.9	49.3	22.2	31.4	45.0	52.4	28.3	32.3B	9
10	8.78B	54.4	14.3	112	81.8	47.3	20.8	35.1	41.9	51.0	28.9	34.0B	10
11	8.50B	51.8	14.2	108	76.7	44.5	19.8	39.1	40.5	49.6	28.6	33.7	11
12	8.35B	49.6	14.0	107	71.8	41.6	19.1	40.8	47.9	47.9	28.2	32.8	12
13	8.07B	47.3	14.0	109	67.4	39.6	18.3	40.8	54.1	48.2	27.7	31.7B	13
14	7.93B	45.3	13.9	110	63.4	36.5	18.7	39.9	52.4	44.7	26.8	31.1B	14
15	7.79B	42.8B	13.9	111	58.9	34.0	22.7	38.8	51.5	46.2	26.8	30.6	15
16	7.50B	40.5B	14.4	113	54.9	32.0	23.3	41.1	49.6	44.5	26.4	29.2B	16
17	7.36B	39.1B	15.6	118	51.8	30.8	22.4	43.0	47.3	42.8	26.2	28.6B	17
18	7.22B	36.2	16.1	125	49.0	28.3	23.8	42.8	45.6	41.1	25.6	28.3B	18
19	7.08B	34.3	16.3	131	46.4	26.8	23.4	42.6	43.3	39.9	24.5	27.6	19
20	9.81B	32.6B	16.6	136	45.6	24.9	23.1	43.0	40.8	38.2	23.8	26.8	20
21	11.3 B	31.1B	16.6	142	48.1	23.5	22.0	42.8	38.8	37.4	23.6	25.4B	21
22	12.7 B	30.3B	16.4	157	50.1	22.3	21.5	43.6	36.5	36.0	24.9	24.2B	22
23	12.5 B	29.2B	15.9	167	52.1	21.2	20.3	43.6	36.8	35.1	26.0	23.8B	23
24	12.6 B	27.9	14.8	167	60.9	21.0	19.8	57.5	39.9	33.7	26.3	22.7B	24
25	14.2 B	26.1B	14.6	168	71.6	34.8	19.0	72.8	43.8	32.3	26.5	22.5B	25
26	17.8 B	24.6	15.0	169	78.7	31.1	18.1	80.7	43.0	30.9	25.3	23.1B	26
27	22.7 B	23.5	19.1	170	82.4	30.3	17.7	85.2	41.9	30.3	26.9	23.8B	27
28	28.3 B	22.7	19.8	167	83.8	31.7	17.0	85.8	41.3	31.1	27.3	24.1B	28
29	36.5 B		22.1	160	84.4	30.6	16.1	83.5	40.5	30.0	27.3	23.4B	29
30	49.0 B		27.6	152	82.7	29.4	15.5	81.0	48.1	30.6	26.5	21.5B	30
31	63.1 B		37.7		79.6		16.2	77.3		30.3		20.8B	31
TOTAL	458.68	1 266.4	540.9	3 743.2	2 465.5	1 229.0	664.1	1 441.8	1 453.1	1 326.0	809.3	861.9	TOTAL
MEAN	14.8	45.2	17.4	125	79.5	41.0	21.4	46.5	48.4	42.8	27.0	27.8	MEAN
MAX	63.1	70.8	37.7	170	143	77.0	28.1	85.8	73.6	54.1	30.3	34.0	MAX
MIN	7.08	22.7	13.9	47.3	45.6	21.0	15.5	21.6	36.5	30.0	23.6	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.5
MAXIMUM DAILY, 170 ON APR 27
MINIMUM DAILY, 7.08B ON JAN 19
MAXIMUM INSTANTANEOUS,
170 AT 20:00 EST ON APR 26

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 14 N
LONG 68 34 56 W
DRAINAGE AREA, 2 260 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	39 600	JUL	57 400
FEB	109 000	AUG	125 000
MAR	46 700	SEP	126 000
APR	323 000	OCT	115 000
MAY	213 000	NOV	69 900
JUN	106 000	DEC	74 500

TOTAL DISCHARGE, 1 410 000 dam^3

FOREST CITY STREAM BELOW FOREST CITY DAM - STATION NO. 01AR011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40	2.85	5.22	2.27	4.08	6.61	7.68	7.30	12.1	4.60	3.24	3.69	1
2	3.38	2.88	5.19	2.32	4.15	6.61	8.18	7.28	11.9	4.55	3.32	3.60	2
3	3.42	2.88	5.18	2.38	4.08	6.67	8.14	7.26	11.7	4.49	3.26	3.82	3
4	3.56	2.88	5.17	2.42	4.09	6.66	8.09	7.25	11.4	4.58	3.25	4.17	4
5	3.57	2.82	5.11	2.47	4.09	6.68	8.05	7.23	11.1	4.60	3.22	4.28	5
6	3.57	2.86	5.07	2.51	4.08	6.62	8.03	7.19	11.0	4.56	3.13	4.34	6
7	3.58	2.86	5.11	2.59	4.13	6.66	8.02	7.14	10.9	4.49	3.13	4.39	7
8	3.55	2.82	5.15	2.62	4.10	6.65	8.02	7.15	10.6	4.40	3.07	4.45	8
9	3.57	2.82	5.09	2.66	4.13	6.65	7.99	7.17	10.4	4.38	3.07	4.43	9
10	3.53	3.83	5.04	2.66	4.13	6.64	7.95	7.15	10.1	4.34	3.19	4.50	10
11	3.51	4.26	5.06	2.71	4.09	6.71	7.88	7.12	10.0	4.29	3.02	4.52	11
12	3.49	4.23	5.02	2.71	4.06	6.65	7.84	7.15	10.0	4.21	2.98	4.53	12
13	3.46	4.26	4.98	2.73	4.07	6.59	7.80	7.10	9.97	4.21	3.04	4.54	13
14	3.42	4.23	5.07	2.77	4.09	6.63	7.78	7.05	9.83	4.16	2.92	4.54	14
15	3.41	4.24	5.15	2.82	4.06	6.65	7.76	6.98	10.9	4.19	2.90	4.55	15
16	3.40	4.23	5.20	2.82	4.07	6.58	7.70	6.98	11.2	4.04	2.85	4.52	16
17	3.47	5.02	5.14	2.85	4.04	6.57	7.74	7.00	10.8	4.07	2.83	4.46	17
18	3.39	5.34	5.06	2.89	4.04	6.53	7.70	7.82	10.4	3.97	2.81	4.45	18
19	3.40	5.37	5.10	2.94	4.53	6.45	7.70	8.11	10.2	3.88	2.87	4.40	19
20	4.43	5.36	4.45	2.93	4.85	6.50	7.63	10.5	8.52	3.81	2.83	4.43	20
21	4.94	5.34	4.01	2.97	4.83	6.48	7.62	14.6	8.10	3.72	2.97	4.43	21
22	4.83	5.39	3.88	3.07	4.83	6.45	7.59	14.5	7.70	3.72	3.18	4.42	22
23	4.86	5.36	3.85	3.08	4.89	6.45	7.56	14.0	4.71	3.73	3.06	4.36	23
24	4.85	5.38	3.81	3.17	4.95	6.42	7.60	13.8	7.13	3.72	3.06	4.30	24
25	4.83	5.39	3.82	3.18	5.06	6.34	7.39	14.0	4.68	3.58	3.11	4.36	25
26	4.80	5.37	4.02	3.27	5.12	6.35	7.39	13.7	4.84	3.51	3.03	4.43	26
27	4.59	5.30	4.06	3.30	5.20	6.33	7.39	13.4	4.60	3.48	3.44	4.41	27
28	3.34	5.25	4.09	3.42	5.21	6.32	7.35	13.4	4.53	3.48	3.48	4.40	28
29	2.77		4.14	3.73	5.17	6.31	7.29	13.1	4.51	3.40	3.57	4.41	29
30	2.74		4.21	3.73	6.16	6.26	7.26	12.7	4.57	3.46	3.72	4.34	30
31	2.84		2.86		6.56		7.32	12.4		3.36		4.36	31
TOTAL	116.40	119.12	144.81	86.00	140.94	196.00	239.34	297.63	268.19	124.87	93.55	134.83	TOTAL
MEAN	3.75	4.25	4.67	2.87	4.55	6.53	7.72	9.60	8.94	4.03	3.12	4.35	MEAN
MAX	4.96	5.39	5.22	3.73	6.56	6.71	8.18	14.6	12.1	4.60	3.72	4.55	MAX
MIN	2.74	2.85	2.86	2.27	4.04	6.26	7.26	6.98	4.51	3.36	2.83	3.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 14.6 ON AUG 21
MINIMUM DAILY, 2.27 ON APR 1
MAXIMUM INSTANTANEOUS,
15.0 AT 15:33 EST ON AUG 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 51 N
LONG 67 44 04 W
DRAINAGE AREA, 357 km^2

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	20 700
FEB	10 300	AUG	25 700
MAR	12 500	SEP	23 200
APR	7 430	OCT	10 800
MAY	12 200	NOV	8 080
JUN	16 900	DEC	11 600

TOTAL DISCHARGE, 170 000 dam^3

FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT - STATION NO. 01BK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.046B	0.254	0.062	0.157B	1.60	0.217	0.063	0.118	0.115	0.116	0.079	0.054B	1
2	0.045B	0.185	0.060	0.230B	1.54	0.244	0.056	0.078	0.113	0.105	0.082	0.053B	2
3	0.044B	0.167	0.059	0.320B	1.25	0.212	0.051	0.061	0.113	0.101	0.081	0.064B	3
4	0.043B	0.157	0.059	0.650B	1.05	0.182	0.054	0.055	0.095	0.111	0.070B	0.084B	4
5	0.042B	0.165	0.057	0.480E	0.835	0.172	0.075	0.051	0.091	0.117	0.064B	0.112B	5
6	0.041B	0.155	0.058	0.500E	0.745	0.150	0.057	0.053	0.114	0.109	0.059B	0.092B	6
7	0.040B	0.158	0.055	0.465E	0.689	0.143	0.050	0.129	0.111	0.104	0.055B	0.083B	7
8	0.039B	0.150	0.054	0.446A	0.664	0.186	0.050	0.195	0.101	0.100	0.062B	0.074B	8
9	0.038B	0.145	0.050	0.405E	0.570	0.171	0.043	0.198	0.097	0.099	0.078B	0.069B	9
10	0.037B	0.134	0.049	0.370E	0.542	0.141	0.035	0.164	0.094	0.094	0.090B	0.065B	10
11	0.036B	0.126	0.048	0.380E	0.500	0.117	0.040	0.134	0.086	0.091	0.079B	0.061B	11
12	0.035B	0.123	0.048	0.410E	0.457	0.112	0.039	0.125	0.209	0.088	0.080B	0.059B	12
13	0.034B	0.114	0.048B	0.440E	0.393	0.113	0.039	0.110	0.152	0.084	0.084B	0.057B	13
14	0.033B	0.107	0.047B	0.520E	0.340	0.111	0.045	0.103	0.109	0.080	0.074B	0.055B	14
15	0.032B	0.105	0.047B	0.690E	0.323	0.101	0.170	0.097	0.096	0.087	0.069B	0.053B	15
16	0.031B	0.101	0.046B	0.870E	0.304	0.094	0.107	0.107	0.092	0.089	0.076B	0.052B	16
17	0.031B	0.091	0.046B	1.00 E	0.295	0.091	0.071	0.108	0.089	0.085	0.074B	0.051B	17
18	0.032B	0.085	0.048B	0.900E	0.278	0.082	0.095	0.093	0.084	0.080	0.069B	0.052B	18
19	0.040B	0.087	0.052B	0.830E	0.263	0.081	0.081	0.122	0.081	0.075	0.058B	0.056	19
20	0.148B	0.087	0.054B	0.760E	0.339	0.080	0.081	0.121	0.080	0.071	0.053B	0.055	20
21	0.143	0.085	0.055B	0.880E	0.459	0.077	0.079	0.101	0.077	0.077	0.050B	0.058	21
22	0.099	0.080	0.055B	1.10 E	0.501	0.073	0.067	0.085	0.068	0.074	0.053B	0.056	22
23	0.060	0.077	0.055B	1.60 A	0.480	0.067	0.055	0.080	0.072	0.085	0.055B	0.056	23
24	0.051	0.075	0.053B	1.57	0.442	0.062	0.046	0.112	0.126	0.089	0.059B	0.055	24
25	0.035	0.074	0.052B	1.53	0.387	0.066	0.043	0.222	0.189	0.075	0.067B	0.054	25
26	0.038	0.070	0.053B	1.75	0.325	0.068	0.041	0.192	0.142	0.071	0.063B	0.054	26
27	0.079	0.069	0.062B	1.92	0.288	0.061	0.037	0.153	0.120	0.077	0.060B	0.054	27
28	0.200	0.068	0.078B	1.92	0.287	0.061	0.036	0.140	0.113	0.078	0.058B	0.049	28
29	0.282		0.120B	1.82	0.264	0.063	0.038	0.130	0.105	0.085	0.056B	0.047	29
30	0.292		0.110B	1.60	0.239	0.067	0.044	0.128	0.117	0.104	0.055B	0.047	30
31	0.321		0.109B		0.224		0.068	0.120		0.093		0.043	31
TOTAL	2.467	3.294	1.845	26.513	16.873	3.465	1.836	3.681	3.251	2.794	2.012	1.874	TOTAL
MEAN	0.080	0.118	0.060	0.884	0.544	0.116	0.059	0.119	0.108	0.090	0.067	0.060	MEAN
MAX	0.321	0.254	0.120	1.92	1.60	0.244	0.170	0.222	0.209	0.117	0.090	0.112	MAX
MIN	0.031	0.068	0.046	0.157	0.224	0.061	0.035	0.051	0.068	0.071	0.050	0.043	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.192
MAXIMUM DAILY, 1.92 ON APR 27
MINIMUM DAILY, 0.031B ON JAN 16
MAXIMUM INSTANTANEOUS,
2.22 AT 19:36 AST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 34 N
LONG 66 16 42 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	213	JUL	159
FEB	285	AUG	318
MAR	160	SEP	281
APR	2 290	OCT	241
MAY	1 460	NOV	174
JUN	299	DEC	162

TOTAL DISCHARGE, 6 040 dam³

FRENCH LAKE AT LAKEVILLE CORNER - STATION NO. 01AD010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.290E	2.459	1.410	2.159	3.839	2.365	1.407	1.247	1.736	1.356	1.112	1.580	1
2	1.290E	2.465	1.421	2.477	3.745	2.293	1.368	1.247	1.673	1.404	1.188	1.589	2
3	1.280E	2.434	1.424	2.737	3.615	2.236	1.328	1.225	1.617	1.447	1.226	1.603	3
4	1.275E	2.385	1.400	2.994	3.488	2.190	1.288	1.210	1.552	1.522	1.264	1.666	4
5	1.270E	2.338	1.352	3.242	3.345	2.149	1.282	1.187	1.525	1.580	1.289	1.807	5
6	1.260E	2.281	1.300	3.414	3.210	2.088	1.274	1.225	1.511	1.648	1.350	1.890	6
7	1.260E	2.234	1.280	3.467	3.060	2.006	1.236	1.265	1.505	1.673	1.356	1.901	7
8	1.250E	2.202	1.304	3.465	2.946	1.920	1.221	1.317	1.474	1.722	1.363	1.878	8
9	1.245E	2.152	1.342	3.482	2.822	1.845	1.255	1.407	1.448	1.750	1.333	1.861	9
10	1.240E	2.097	1.355	3.546	2.723	1.785A	1.291	1.556	1.443	1.714	1.217	1.828	10
11	1.235E	2.031	1.380	3.583	2.676	1.764A	1.353	1.646	1.451	1.669	1.242	1.772	11
12	1.230E	1.965	1.381	3.590	2.613	1.726	1.401	1.683	1.488	1.634	1.235	1.716	12
13	1.110E	1.916	1.352	3.615	2.503	1.662	1.378	1.692	1.488	1.585	1.214	1.663	13
14	1.150E	1.864	1.320	3.632	2.393	1.600	1.323	1.688	1.522	1.545	1.190	1.624	14
15	1.160A	1.803	1.303	3.616	2.264	1.534	1.291	1.672	1.553	1.482	1.222	1.573	15
16	1.140E	1.726	1.280	3.570	2.133	1.466	1.284	1.650	1.599	1.526	1.212	1.513	16
17	1.130A	1.648	1.236	3.520	1.998	1.413	1.288	1.629	1.591	1.537	1.186	1.460	17
18	1.120	1.570	1.176	3.475	1.854	1.365	1.307	1.602	1.610	1.531	1.170	1.410	18
19	1.075	1.493	1.128	3.412	1.722	1.367	1.359	1.594	1.637	1.503	1.183	1.385	19
20	1.047	1.416	1.111	3.343	1.605	1.369	1.381	1.580	1.643	1.465	1.166	1.365	20
21	1.040	1.358	1.130	3.287	1.512	1.370	1.365	1.597	1.627	1.436	1.237	1.336	21
22	1.086	1.318	1.185	3.273	1.500	1.360	1.373	1.619	1.575	1.426	1.242	1.319	22
23	1.160	1.285	1.215	3.360	1.580	1.354	1.367	1.623	1.531	1.396	1.157	1.320	23
24	1.225	1.299	1.214	3.601	1.684	1.366	1.373	1.636	1.519	1.348	1.118	1.313	24
25	1.266	1.310	1.208	3.821	1.854	1.371	1.392	1.632	1.499	1.284	1.104	1.311	25
26	1.299	1.327	1.231	3.956	2.023	1.388	1.414	1.656	1.491	1.255	1.107	1.311	26
27	1.329	1.366	1.279	4.008	2.197	1.422	1.398	1.735	1.453	1.210	1.244	1.313	27
28	1.498	1.396	1.379	4.017	2.360	1.464	1.362	1.795	1.412	1.158	1.395	1.315	28
29	1.795		1.520	3.987	2.457	1.475	1.317	1.819	1.384	1.128	1.510	1.309	29
30	2.090		1.687	3.918	2.479	1.440	1.293	1.819	1.361	1.114	1.556	1.306	30
31	2.333		1.889		2.433		1.289	1.799		1.103		1.308	31
MEAN	1.296	1.826	1.329	3.452	2.472	1.672	1.331	1.550	1.531	1.456	1.246	1.534	MEAN
MAX	2.333	2.465	1.889	4.017	3.839	2.365	1.414	1.819	1.736	1.750	1.556	1.901	MAX
MIN	1.040	1.285	1.111	2.159	1.500	1.354	1.221	1.187	1.361	1.103	1.104	1.306	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 1.721
MAXIMUM DAILY, 4.017 ON APR 28
MINIMUM DAILY, 1.040 ON JAN 21
MAXIMUM INSTANTANEOUS,
4.021 AT 13:55 AST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 54 30 N
LONG 66 15 31 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

GRAND FALLS FLOWAGE AT GRAND FALLS - STATION NO. 01AR013

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	61.462	62.009	61.485	61.977	61.967	61.675	61.553	61.692	61.593	61.699	61.552	61.883	1
2	61.471	62.007	61.480	61.969	61.958	61.673	61.543	61.693	61.604	61.711	61.548	61.885	2
3	61.486	61.975	61.463	61.929	61.919	61.684	61.558	61.709	61.603	61.722	61.543	61.860	3
4	61.521	61.930	61.432	61.911	61.868	61.662	61.586	61.739	61.608	61.754	61.547	61.882	4
5	61.532	61.886	61.414	61.876	61.811	61.675	61.601	61.744	61.601	61.786	61.543	61.916	5
6	61.555	61.848	61.390	61.848	61.774	61.647	61.621	61.735	61.623	61.805	61.538	61.893	6
7	61.566	61.823	61.401	61.853	61.722	61.632	61.652	61.719	61.672	61.813	61.531	61.914	7
8	61.573	61.828	61.414	61.853	61.655	61.650	61.666	61.707	61.695	61.803	61.533	61.903	8
9	61.576	61.819	61.406	61.856	61.584	61.677	61.663	61.715	61.701	61.797	61.532	61.842	9
10	61.590	61.801	61.388	61.885	61.535	61.654	61.666	61.747	61.708	61.780	61.547	61.791	10
11	61.599	61.785	61.395	61.912	61.501	61.623	61.663	61.768	61.685	61.771	61.530	61.753	11
12	61.604	61.773	61.368	61.929	61.454	61.602	61.660	61.768	61.650	61.779	61.528	61.737	12
13	61.615	61.758	61.343	61.921	61.430	61.612	61.675	61.763	61.648	61.779	61.538	61.720	13
14	61.624	61.739	61.363	61.955	61.438	61.639	61.690	61.751	61.686	61.778	61.533	61.703	14
15	61.626	61.722	61.391	61.935	61.470	61.632	61.692	61.743	61.688	61.786	61.521	61.679	15
16	61.625	61.702	61.398	61.912	61.484	61.640	61.694	61.748	61.659	61.739	61.514	61.637	16
17	61.628	61.672	61.353	61.909	61.498	61.635	61.696	61.762	61.650	61.698	61.508	61.591	17
18	61.638	61.657	61.320	61.910	61.506	61.590	61.708	61.763	61.637	61.681	61.510	61.563	18
19	61.646	61.642	61.348	61.895	61.509	61.566	61.711	61.766	61.607	61.687	61.474	61.539	19
20	61.666	61.631	61.344	61.872	61.507	61.566	61.729	61.767	61.573	61.667	61.455	61.518	20
21	61.680	61.618	61.337	61.845	61.510	61.562	61.740	61.784	61.550	61.656	61.483	61.484	21
22	61.695	61.606	61.335	61.854	61.522	61.578	61.730	61.810	61.526	61.639	61.515	61.450	22
23	61.743	61.595	61.401	61.911	61.533	61.591	61.724	61.799	61.517	61.635	61.519	61.431	23
24	61.775	61.585	61.452	61.969	61.575	61.596	61.704	61.828	61.549	61.617	61.498	61.421	24
25	61.790	61.566	61.476	61.986	61.617	61.611	61.687	61.903	61.597	61.613	61.501	61.430	25
26	61.786	61.551	61.482	61.994	61.668	61.602	61.668	61.896	61.630	61.600	61.545	61.438	26
27	61.842	61.530	61.500	61.938	61.698	61.591	61.682	61.860	61.652	61.587	61.644	61.453	27
28	61.989	61.509	61.544	61.908	61.690	61.598	61.698	61.832	61.668	61.581	61.751	61.465	28
29	62.048		61.590	61.938	61.681	61.613	61.679	61.787	61.678	61.577	61.815	61.469	29
30	62.025		61.694	61.958	61.675	61.604	61.666	61.727	61.672	61.567	61.864	61.479	30
31	62.009		61.852		61.673		61.677	61.654		61.550		61.530	31
MEAN	61.677	61.735	61.438	61.914	61.627	61.623	61.667	61.764	61.631	61.698	61.555	61.654	MEAN
MAX	62.048	62.009	61.852	61.994	61.967	61.684	61.740	61.903	61.708	61.813	61.864	61.916	MAX
MIN	61.462	61.509	61.320	61.845	61.430	61.562	61.543	61.654	61.517	61.550	61.455	61.421	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 61.665
MAXIMUM DAILY, 62.048 ON JAN 29
MINIMUM DAILY, 61.320 ON MAR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 30 N
LONG 67 29 46 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PUBLISHED UNDER THE NAME "GRAND FALLS LAKE AT GRAND FALLS" TO 1985

GRAND LAKE AT FOREST CITY - STATION NO. 01AR005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131.231	131.404	131.369	131.510	132.176	132.291	132.127	131.879	131.605	131.286	131.139	131.205	1
2	131.225	131.423	131.361	131.540	132.203	132.309	132.112	131.871	131.593	131.274	131.147	131.202	2
3	131.226	131.429	131.362	131.575	132.207	132.310	132.098	131.864	131.577	131.269	131.137A	131.200	3
4	131.245	131.432	131.360	131.606	132.200	132.306	132.091	131.864	131.561	131.277	131.134E	131.248	4
5	131.253	131.444	131.355	131.629	132.197	132.300	132.082	131.859	131.537	131.286	131.132A	131.269	5
6	131.256	131.444	131.349	131.652	132.203	132.296	132.072	131.844	131.529	131.275	131.127	131.280	6
7	131.245	131.448	131.353	131.677	132.204	132.289	132.067	131.840	131.516	131.269	131.127	131.281	7
8	131.244	131.448	131.354	131.702	132.208	132.293	132.067	131.841	131.501	131.256	131.122	131.293	8
9	131.243	131.448	131.346	131.722	132.206	132.306	132.056	131.842	131.485	131.253	131.123	131.297	9
10	131.239	131.447	131.339	131.736	132.199	132.291	132.048	131.844	131.466	131.246	131.124	131.297	10
11	131.235	131.446	131.340	131.758	132.189	132.281	132.033	131.835	131.482	131.233	131.111	131.309	11
12	131.232	131.443	131.349	131.779	132.199	132.279	132.015	131.833	131.462	131.231	131.104	131.306	12
13	131.228	131.438	131.339	131.803	132.190	132.277	131.997	131.825	131.455	131.231	131.113	131.307	13
14	131.228	131.434	131.343	131.821	132.185	132.273	131.997	131.815	131.441	131.230	131.104	131.303	14
15	131.224A	131.427	131.361	131.840	132.181	132.264	132.001	131.807	131.415	131.232	131.088	131.303	15
16	131.220A	131.427	131.360	131.854	132.178	132.255	131.992	131.799	131.394	131.223	131.087	131.307	16
17	131.218	131.424	131.356	131.873	132.181	132.253	131.988	131.798	131.373	131.217	131.083	131.305	17
18	131.222	131.423	131.349	131.892	132.177	132.240	131.980	131.789	131.360	131.211	131.092	131.303	18
19	131.220	131.410	131.352	131.904	132.172	132.227	131.976	131.784	131.350	131.204	131.088	131.304	19
20	131.224	131.402	131.365	131.918	132.163	132.217	131.969	131.776	131.337	131.190	131.078	131.305	20
21	131.230	131.398	131.365	131.934	132.153	132.206	131.961	131.752	131.318	131.180	131.087	131.300	21
22	131.229	131.400	131.368	131.975	132.160	132.191	131.950	131.745	131.301	131.182	131.124	131.293	22
23	131.226	131.395	131.367	132.006	132.179	132.182	131.939	131.723	131.296	131.187	131.119	131.290	23
24	131.220	131.399	131.360	132.080	132.229	132.174	131.922	131.715	131.308	131.186	131.124	131.288	24
25	131.221	131.390	131.352	132.091	132.263	132.165	131.907	131.720	131.304	131.171	131.129	131.286	25
26	131.227	131.384	131.352	132.119	132.271	132.155	131.905	131.698	131.297	131.162	131.123	131.294	26
27	131.268	131.380	131.379	132.144	132.280	132.144	131.902	131.684	131.289	131.161	131.186	131.288	27
28	131.330	131.379	131.416	132.156	132.291	132.144	131.893	131.677	131.279	131.165	131.180	131.285	28
29	131.354		131.426	132.166	132.295	132.143	131.882	131.657	131.270	131.161	131.186	131.282	29
30	131.368		131.448	132.171	132.292	132.138	131.872	131.635	131.278	131.162	131.199	131.285	30
31	131.389		131.481		132.299		131.880	131.623		131.152		131.283	31
MEAN	131.249	131.420	131.367	131.854	132.211	132.240	131.993	131.782	131.412	131.218	131.123	131.284	MEAN
MAX	131.389	131.448	131.481	132.171	132.299	132.310	132.127	131.879	131.605	131.286	131.199	131.309	MAX
MIN	131.218	131.379	131.339	131.510	132.163	132.138	131.872	131.623	131.270	131.152	131.078	131.200	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 131.597
MAXIMUM DAILY, 132.310 ON JUN 3
MINIMUM DAILY, 131.078 ON NOV 20
MAXIMUM INSTANTANEOUS,
132.320 AT 09:28 EST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 54 N
LONG 67 44 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO INTERNATIONAL BOUNDARY COMMISSION DATUM

REMARKS - PUBLISHED UNDER THE NAME "EAST GRAND LAKE AT FOREST CITY" TO 1985

GRAND LAKE AT NEWCASTLE CREEK - STATION NO. 01AD003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.190E	2.358	1.303	2.061	3.681	2.263	1.340	1.154	1.656	1.316	1.092	1.552	1
2	1.185E	2.335	1.312	2.380	3.587A	2.189	1.282	1.173	1.571	1.357	1.147	1.559	2
3	1.180E	2.307	1.313	2.655	3.468	2.152	1.237	1.147	1.494	1.411	1.161	1.558	3
4	1.175E	2.256	1.272	2.902	3.319	2.122	1.232	1.129	1.475	1.495	1.213	1.886A	4
5	1.170E	2.210	1.218	3.139	3.167	2.070	1.209	1.139	1.468	1.561	1.249A	1.826	5
6	1.160E	2.151	1.176	3.298	3.028	1.998	1.191	1.179	1.471	1.605	1.276E	1.886	6
7	1.160E	2.117	1.172	3.331	2.886	1.915	1.145	1.225	1.453	1.649	1.305A	1.884	7
8	1.150E	2.087	1.215	3.326	2.741	1.834	1.171	1.272	1.427	1.690	1.289	1.853	8
9	1.145E	2.037	1.228	3.346	2.624	1.780	1.227	1.358	1.416	1.683	1.263	1.834	9
10	1.140E	1.968	1.233	3.408	2.555	1.745	1.281	1.500	1.399	1.639	1.247	1.785A	10
11	1.135E	1.902	1.259	3.429	2.471	1.694	1.323	1.586	1.405	1.610	1.218	1.731A	11
12	1.130E	1.847	1.257	3.432	2.350	1.638	1.334	1.625	1.437	1.564	1.204	1.666A	12
13	1.080E	1.795	1.218	3.454	2.294	1.578	1.287	1.631	1.494	1.500	1.215	1.635	13
14	1.085E	1.743	1.184	3.478	2.207	1.516A	1.224	1.625	1.540	1.461	1.215	1.585	14
15	1.100E	1.678	1.167	3.465	2.074	1.459A	1.203	1.596	1.554	1.478	1.213	1.524	15
16	1.095E	1.604	1.145	3.404	1.928	1.402	1.220	1.576	1.553	1.464	1.174	1.469	16
17	1.080E	1.517	1.097	3.353	1.785	1.382	1.226	1.554	1.553	1.451	1.148	1.423A	17
18	1.060E	1.429	1.030	3.304	1.638	1.355	1.252	1.534	1.576	1.435	1.166	1.370A	18
19	1.020E	1.347	0.977	3.237	1.507	1.314	1.292	1.515	1.607	1.432	1.131	1.343	19
20	0.990E	1.285	0.990	3.172	1.393	1.304	1.315	1.523	1.601	1.385	1.132	1.330	20
21	0.975E	1.231	1.008	3.127	1.349	1.288	1.312	1.562	1.557	1.380	1.121	1.308	21
22	1.020A	1.203	1.060	3.124	1.373	1.286	1.316	1.579	1.495	1.364	1.104	1.276	22
23	1.077	1.186	1.077	3.214	1.442	1.286	1.322	1.576	1.430	1.329	1.095	1.262	23
24	1.124	1.197	1.085	3.463	1.573	1.319	1.326	1.572	1.412	1.280	1.076	1.251	24
25	1.158	1.204	1.085	3.694	1.753	1.349	1.343	1.594	1.440	1.236	1.063A	1.213	25
26	1.182	1.231	1.106	3.804	1.955	1.355	1.340	1.626	1.438	1.176	1.070E	1.197	26
27	1.224	1.270	1.154	3.847	2.166	1.376	1.293	1.693	1.404	1.095	1.180A	1.192	27
28	1.453	1.288	1.265	3.865	2.310	1.413	1.220	1.768	1.357	1.063	1.339	1.185	28
29	1.813		1.405	3.824	2.385	1.428	1.197	1.787	1.291	1.057	1.467	1.183	29
30	2.105		1.574	3.757	2.404	1.375	1.161	1.776	1.280	1.060	1.532	1.206	30
31	2.293		1.792		2.350		1.122	1.725		1.047		1.250	31
MEAN	1.220	1.707	1.206	3.310	2.315	1.606	1.256	1.493	1.475	1.396	1.204	1.485	MEAN
MAX	2.293	2.358	1.792	3.865	3.681	2.263	1.343	1.787	1.656	1.690	1.532	1.886	MAX
MIN	0.975	1.186	0.977	2.061	1.349	1.286	1.122	1.129	1.280	1.047	1.063	1.183	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 1.636
MAXIMUM DAILY, 3.865 ON APR 28
MINIMUM DAILY, 0.975E ON JAN 21
MAXIMUM INSTANTANEOUS,
3.872 AT 16:50 AST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 37 N
LONG 66 00 13 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRANDE RIVIERE AT VIOLETTE BRIDGE - STATION NO. 01AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	8.80B	1.30 B	8.00B	31.3	5.20	1.79	4.21	3.88	6.90	4.73	5.25B	1
2	0.970B	8.10B	1.26 B	13.5 B	28.5	5.18	1.57	3.87	3.52	5.59	4.31	4.80B	2
3	0.895B	7.54B	1.22 B	19.5 B	23.5	5.37	1.43	2.91	3.33	4.78	4.44	5.05B	3
4	0.860B	6.85B	1.18 B	24.0 B	17.0	4.56	1.75	2.35	3.13	4.54	4.11	6.20B	4
5	0.830B	6.33B	1.15 B	20.0 B	13.6	4.11	3.42	1.84	2.94	5.27	3.60	9.30B	5
6	0.804B	5.74B	1.12 B	17.6 B	12.3	3.92	3.27	1.60	2.94	4.80	3.71	7.60B	6
7	0.790B	5.24B	1.10 B	16.0 B	11.5	3.31	2.35	1.88	3.02	4.91	3.47	6.60B	7
8	0.766B	4.80B	1.07 B	14.4 B	10.8	4.49	2.12	15.5	2.99	4.88	3.30	5.90B	8
9	0.744B	4.38B	1.05 B	13.6 B	9.80	6.11	1.87	19.9	2.79	4.70	5.17	5.40B	9
10	0.722B	4.02B	1.02 B	13.0 B	8.85	4.61	1.56	13.8	2.50	4.27	10.6	4.80B	10
11	0.705B	3.75B	1.00 B	12.8 B	8.21	3.71	1.32	8.03	2.93	3.82	7.34	4.46B	11
12	0.690B	3.50B	0.970B	25.0 B	7.76	3.16	1.21	5.97	9.58	3.55	6.34	4.20B	12
13	0.672B	3.34B	0.950B	34.0 B	6.86	2.88	1.16	4.41	15.4	3.33	4.92	3.98B	13
14	0.655B	3.08B	0.930B	32.0 B	6.35	2.77	1.26	3.51	9.04	3.22	4.18	3.58B	14
15	0.642B	2.85B	0.910B	30.0 B	5.88	2.62	9.59	2.93	5.56	4.10	4.85B	3.40B	15
16	0.632B	2.64B	0.905B	28.5 B	5.49	2.32	11.8	3.83	4.24	4.46	4.55B	3.25B	16
17	0.615B	2.48B	0.893B	27.7	5.28	2.48	5.71	6.15	3.60	3.96	4.10B	3.10B	17
18	0.604B	2.31B	0.870B	32.9	5.19	2.58	6.69	4.78	3.17	3.32	3.80B	2.98B	18
19	0.600B	2.19B	1.40 B	34.3	5.52	2.38	7.64	5.53	2.83	3.09	3.50B	2.86B	19
20	0.980B	2.07B	2.40 B	32.1	9.13	2.05	5.25	4.51	2.74	3.00	3.28B	2.75B	20
21	1.38 B	1.96B	2.04 B	33.8	13.8	1.87	3.99	3.47	2.61	2.94	3.10B	2.67B	21
22	1.78 B	1.83B	1.80 B	48.4	24.2	1.75	3.25	5.70	2.38	3.34	2.94B	2.59B	22
23	1.60 B	1.73B	1.64 B	63.8	19.7	1.65	2.45	5.76	2.67	3.43	2.70B	2.51B	23
24	1.50 B	1.65B	1.50 B	48.7	14.4	1.57	1.99	8.61	6.40	3.43	3.22B	2.46B	24
25	1.40 B	1.57B	1.44 B	45.1	11.1	2.78	1.67	21.4	9.30	3.27	4.18B	2.38B	25
26	1.34 B	1.50B	1.62 B	56.1	8.56	3.53	1.47	13.1	8.83	3.26	3.80B	2.50B	26
27	5.00 B	1.44B	1.85 B	59.5	7.65	2.52	1.48	8.34	6.24	3.14	5.80B	2.70B	27
28	12.5 B	1.36B	2.24 B	55.3	8.74	2.24	1.35	6.56	4.96	3.24	7.60B	2.54B	28
29	12.0 B		2.80 B	46.3	8.18	2.37	1.24	5.47	4.21	3.74	6.20B	2.42B	29
30	10.8 B		4.00 B	39.6	6.95	2.09	1.14	4.78	4.83	4.65	5.65B	2.30B	30
31	9.80 B		5.60 B		5.80		1.27	4.36		6.08		2.20B	31
TOTAL	74.275	103.05	49.228	945.50	361.91	97.20	94.06	204.98	142.64	126.99	139.39	122.61	TOTAL
MEAN	2.40	3.68	1.59	31.5	11.7	3.24	3.03	6.61	4.75	4.10	4.65	3.96	MEAN
MAX	12.5	8.80	5.60	63.8	31.3	6.18	11.8	21.4	15.4	6.90	10.6	9.30	MAX
MIN	0.600	1.36	0.870	8.00	5.19	1.57	1.14	1.50	2.38	2.94	2.70	2.20	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.74
MAXIMUM DAILY, 63.8 ON APR 23
MINIMUM DAILY, 0.600B ON JAN 19
MAXIMUM INSTANTANEOUS,
66.2 AT 09:30 AST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 46 N
LONG 67 55 16 W
DRAINAGE AREA, 339 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 420	JUL	8 130
FEB	8 900	AUG	17 700
MAR	4 250	SEP	12 300
APR	81 700	OCT	11 000
MAY	31 300	NOV	12 000
JUN	8 400	DEC	10 600

TOTAL DISCHARGE, 213 000 dam^3

REMARKS - PUBLISHED UNDER THE NAME "GRAND RIVER AT VIOLETTE BRIDGE" TO [illegible]

GREEN RIVER NEAR RIVIERE-VERTE - STATION NO. 01AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.50B	50.4 B	8.61B	17.5B	176	36.2	23.9	24.0	19.7	23.5	18.8	13.8	1
2	8.15B	40.0 B	8.26B	25.0B	160	34.5	23.9	21.3	18.9	21.9	19.3	11.5	2
3	7.38B	38.9 B	8.83B	40.0B	142	30.8	22.1	19.9	20.6	19.2	21.7	13.5	3
4	9.21B	29.7 B	6.14B	70.0B	120	29.0	23.7	18.5	16.9	18.9	16.5	23.2	4
5	15.3 B	22.6 B	5.22B	110 B	98.5	28.5	26.3	19.5	16.0	18.7	18.0	21.6	5
6	14.9 B	27.2 B	6.19B	92.0B	81.6	25.7	21.0	13.8	16.1	21.6	19.4	19.5	6
7	13.8 B	24.0 B	4.44B	79.0B	72.6	24.5	19.1	18.6	17.3	17.4	14.9	18.0	7
8	10.2 B	31.2 B	3.33B	70.0B	63.3	22.7	22.2	18.6	14.2	17.7	20.3	15.2	8
9	10.8 B	25.7 B	3.98B	64.4B	41.9	31.2	19.9	13.2	13.7	19.1	18.3	12.5	9
10	11.2 B	24.7 B	5.29B	61.0B	41.2	21.1	19.8	17.1	12.9	18.6	24.6	13.8	10
11	8.65B	23.1 B	3.31B	58.0B	39.3	19.3	17.9	16.0	16.5	16.7	24.2	19.9	11
12	7.21B	21.3 B	4.87B	67.0B	34.0	20.5	18.3	15.2	20.8	16.8	25.9	16.2B	12
13	7.28B	19.8 B	5.04B	81.0B	32.2	20.8	13.5	13.9	29.3	17.9	27.5	13.0B	13
14	9.29B	16.7 B	5.54B	65.0B	31.8	17.5	16.2	12.8	26.1	16.3	24.4	14.8B	14
15	7.47B	17.3 B	5.97B	56.0B	28.9	17.3	24.7	11.7	25.5	19.2	27.0	12.8B	15
16	3.40B	14.8 B	5.49B	48.0	26.4	18.6	23.3	14.3	23.1	21.3	29.4	14.5B	16
17	6.36B	10.6 B	5.35B	54.7	25.6	17.1	22.7	15.8	20.7	15.9	26.7	16.0B	17
18	6.11B	12.2 B	5.54B	66.0	25.2	20.7	26.8	13.0	21.0	17.1	24.1	14.0B	18
19	5.75B	10.7 B	5.67B	73.6	24.3	17.1	33.6	14.7	22.0	17.0	21.5	13.0B	19
20	7.34B	9.63B	5.48B	85.0	24.5	16.3	28.6	12.8	18.9	16.9	18.0	11.8B	20
21	9.46B	8.61B	4.74B	94.5	30.8	16.2	32.1	11.9	19.2	19.0	18.9	13.8B	21
22	9.50B	8.12B	4.42B	118	54.6	14.2	28.8	17.1	20.7	15.7	19.4	12.2B	22
23	7.12B	7.28B	4.56B	150	61.4	14.4	26.4	14.1	20.8	15.9	18.7	11.0B	23
24	6.11B	7.61B	4.51B	140	65.1	14.5	25.1	21.8	20.1	18.3	25.4	11.8B	24
25	8.38B	6.14B	3.35B	133	65.2	31.7	25.8	30.7	24.4	14.7	21.6	12.8B	25
26	9.79B	7.05B	4.42B	155	60.2	29.1	28.2	25.2	23.5	14.3	19.8	11.0B	26
27	19.6 B	6.36B	5.62B	183	52.9	26.6	26.9	28.1	20.3	19.5	19.6	11.6B	27
28	64.8 B	6.11B	5.24B	192	51.9	29.2	25.3	26.2	21.6	12.6	19.2	12.2B	28
29	76.0 B		5.67B	189	51.6	28.2	22.6	25.7	21.5	18.1	19.0	11.4B	29
30	61.7 B		7.61B	188	40.5	25.4	19.4	21.0	24.6	20.1	16.2	10.6B	30
31	46.6 B		10.8 B		37.4		20.2	21.9		19.3		10.0B	31
TOTAL	497.36	527.81	173.49	2 825.7	1 860.9	698.9	728.3	567.4	606.9	582.1	638.3	437.0	TOTAL
MEAN	16.0	18.9	5.60	94.2	60.0	23.3	23.5	18.3	20.2	18.1	21.3	14.1	MEAN
MAX	76.0	50.4	10.8	192	176	36.2	33.6	30.7	29.3	23.5	29.4	23.2	MAX
MIN	3.40	6.11	3.31	17.5	24.3	14.2	13.5	11.7	12.9	12.6	14.9	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.7
MAXIMUM DAILY, 192 ON APR 28
MINIMUM DAILY, 3.31B ON MAR 11
MAXIMUM INSTANTANEOUS,
204 AT 21:50 AST ON APR 30

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 20 06 N
LONG 68 08 06 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 000	JUL	62 900
FEB	45 600	AUG	49 000
MAR	15 000	SEP	52 400
APR	244 000	OCT	48 600
MAY	161 000	NOV	55 100
JUN	60 400	DEC	37 800

TOTAL DISCHARGE, 875 000 dam³

HAYDEN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.053	0.208	0.058	0.435	0.374	0.112	0.043	0.110	0.072	0.197	0.067	0.112	1
2	0.052	0.170	0.055	0.451	0.385	0.144	0.034	0.067	0.069	0.144	0.084	0.116	2
3	0.050	0.156	0.055	0.396	0.310	0.104	0.034	0.067	0.067	0.124	0.076	0.382	3
4	0.050	0.141	0.050	0.330	0.261	0.087	0.032	0.058	0.063	0.179	0.072	0.760	4
5	0.050	0.136	0.049	0.303	0.243	0.085	0.045	0.045	0.060	0.170	0.068B	0.236	5
6	0.049	0.130	0.049	0.259	0.225	0.078	0.038	0.035	0.087	0.140	0.060B	0.203	6
7	0.048	0.122	0.048	0.255	0.205	0.069	0.039	0.047	0.072	0.134	0.063	0.183B	7
8	0.048	0.118	0.048	0.228	0.189	0.144	0.044	0.159	0.062	0.119	0.061	0.172B	8
9	0.046	0.113	0.046	0.212	0.168	0.136	0.033	0.706	0.060	0.115	0.121	0.159B	9
10	0.043	0.106	0.043	0.193	0.159	0.081	0.029	0.239	0.058	0.110	0.125	0.148B	10
11	0.044	0.100	0.042	0.249	0.148	0.071	0.028	0.169	0.330	0.106	0.082	0.137B	11
12	0.044	0.098	0.044	0.365	0.137	0.067	0.028	0.140	0.803	0.109	0.071	0.129	12
13	0.043	0.093	0.041	0.340	0.128	0.066	0.029	0.110	0.385	0.104	0.066B	0.124	13
14	0.045	0.089	0.041	0.329	0.123	0.070	0.096	0.086	0.224	0.101	0.064B	0.120	14
15	0.042	0.086	0.043	0.365	0.111	0.063	0.224	0.070	0.181	0.113	0.072B	0.116	15
16	0.041	0.080	0.041	0.456	0.106	0.061	0.092	0.119	0.162	0.103	0.074	0.109	16
17	0.039	0.077	0.039	0.592	0.108	0.063	0.062	0.121	0.152	0.096	0.064	0.103	17
18	0.037	0.074	0.042	0.592	0.106	0.054	0.198	0.096	0.143	0.090	0.063	0.103	18
19	0.037	0.072	0.077	0.566	0.095	0.052	0.265	0.137	0.131	0.088	0.061B	0.098	19
20	0.100B	0.071	0.115B	0.606	0.088	0.048	0.105	0.104	0.131	0.084	0.065B	0.098	20
21	0.200B	0.069	0.070	0.608	0.095	0.045	0.070	0.083	0.128	0.080	0.061	0.094	21
22	0.114	0.068	0.055	1.75	0.104	0.043	0.050	0.072	0.119	0.081	0.069	0.088	22
23	0.067	0.066	0.050	0.962	0.137	0.040	0.037	0.085	0.214	0.099	0.066	0.084	23
24	0.060	0.063	0.050	1.16	0.245	0.037	0.033	0.223	0.283	0.096	0.135B	0.079	24
25	0.055	0.059	0.045	0.873	0.201	0.036	0.029	0.184	0.205	0.083	0.160B	0.081	25
26	0.060	0.058	0.069	0.851	0.122	0.035	0.078	0.113	0.156	0.078	0.099	0.185	26
27	0.280B	0.061	0.156	0.774	0.105	0.033	0.089	0.138	0.122	0.070	0.450B	0.095	27
28	1.50 B	0.060	0.122	0.616	0.089	0.093	0.053	0.149	0.109	0.075	0.254	0.083	28
29	0.740B		0.110	0.622	0.080	0.051	0.047	0.107	0.099	0.074	0.148	0.078	29
30	0.533		0.210	0.428	0.082	0.042	0.040	0.089	0.234	0.074	0.125	0.075	30
31	0.276		0.480B		0.079		0.081	0.076		0.072		0.072	31
TOTAL	4.856	2.744	2.443	16.064	5.028	2.112	2.115	3.984	4.992	3.308	3.044	4.600	TOTAL
MEAN	0.157	0.098	0.079	0.535	0.162	0.070	0.068	0.129	0.166	0.107	0.101	0.148	MEAN
MAX	1.50	0.208	0.480	1.75	0.385	0.144	0.265	0.706	0.803	0.197	0.450	0.780	MAX
MIN	0.037	0.058	0.039	0.193	0.079	0.033	0.028	0.035	0.058	0.070	0.060	0.072	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.151
MAXIMUM DAILY, 1.75 ON APR 22
MINIMUM DAILY, 0.028 ON JUL 11
MAXIMUM INSTANTANEOUS,
2.82 AT 14:23 AST ON APR 22

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 56 N
LONG 67 02 13 W
DRAINAGE AREA, 6.48 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	420	JUL	183
FEB	237	AUG	344
MAR	211	SEP	431
APR	1 390	OCT	286
MAY	434	NOV	263
JUN	182	DEC	397

TOTAL DISCHARGE, 4 780 dam³

JACQUET RIVER NEAR DURHAM CENTRE - STATION NO. 01BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.74B	9.20B	1.84B	5.00B	62.8	9.16	2.41	3.87	7.64	4.99	4.22	2.32B	1
2	1.71B	8.20B	1.79B	8.00B	68.3	9.79	2.23	4.20	6.73	4.84	4.03	2.18B	2
3	1.69B	7.20B	1.75B	24.0 B	54.8	8.75	2.03	3.34	6.44	4.50	4.03	2.60B	3
4	1.67B	6.60B	1.70B	23.0 B	39.8	7.62	2.05	2.99	5.90	4.75	3.78	3.40B	4
5	1.65B	5.85B	1.67B	21.0 B	31.9	6.97	2.41	2.66	5.36	5.84	3.43	5.60B	5
6	1.64B	5.40B	1.63B	19.0 B	28.1	6.36	2.73	2.35	5.57	5.40	2.85	5.10B	6
7	1.63B	5.00B	1.60B	17.0 B	25.3	5.85	2.35	2.66	6.04	5.15	4.03	4.60B	7
8	1.62B	4.60B	1.57B	15.6 B	24.0	6.32	2.17	4.74	5.44	4.89	3.61	4.18B	8
9	1.61B	4.25B	1.53B	14.8 B	21.9	6.90	1.95	9.46	4.79	4.60	3.72	3.80B	9
10	1.60B	4.00B	1.50B	14.7 B	19.9	6.24	1.84	18.7	4.30	4.53	4.41	3.50B	10
11	1.59B	3.80B	1.48B	15.1 B	18.6	5.52	1.84	13.3	4.23	4.28	4.12	3.25B	11
12	1.57B	3.65B	1.45B	16.0 B	17.1	4.98	1.73	9.91	6.11	4.15	3.70B	3.10B	12
13	1.56B	3.50B	1.43B	17.4 B	15.5	4.58	1.64	8.15	8.79	3.94	3.50B	2.95B	13
14	1.55B	3.30B	1.41B	20.0 B	14.0	4.39	1.58	5.84	7.09	3.99	3.25B	2.84B	14
15	1.54B	3.16B	1.39B	23.0 B	12.8	4.18	2.40	6.01	5.85	4.09	3.00B	2.73B	15
16	1.53B	3.00B	1.37B	28.0 B	11.5	3.76	3.98	5.76	5.01	3.93	2.85B	2.62B	16
17	1.52B	2.85B	1.35B	40.0 B	10.9	4.01	3.13	6.70	4.61	3.72	2.68B	2.54B	17
18	1.51B	2.70B	1.34B	36.0 B	10.2	3.94	2.95	6.34	4.37	3.58	2.50B	2.46B	18
19	1.50B	2.60B	1.40B	33.8	9.81	3.58	4.10	10.7	4.28	3.52	2.34B	2.38B	19
20	2.00B	2.50B	1.47B	35.1	13.8	3.18	3.54	10.0	3.88	3.37	2.18B	2.30B	20
21	2.50B	2.43B	1.90B	36.1	18.3	2.99	3.02	7.90	3.52	3.26	1.94B	2.24B	21
22	3.20B	2.35B	1.83B	54.0	36.8	2.83	2.88	6.89	3.47	3.25	2.10B	2.17B	22
23	3.70B	2.27B	1.79B	68.6	39.6	2.61	2.53	6.38	3.53	3.48	2.40B	2.10B	23
24	3.30B	2.18B	1.78B	62.9	30.9	2.58	2.23	6.55	3.98	4.24	2.70B	2.04B	24
25	3.10B	2.10B	1.50B	66.1	25.0	2.54	1.97	14.2	5.02	4.22	3.10B	2.00B	25
26	3.00B	2.02B	1.69B	70.7	20.7	2.55	1.87	23.7	5.88	3.87	3.40B	2.06B	26
27	5.00B	1.95B	1.90B	87.3	17.7	2.44	1.79	17.9	5.18	3.51	3.00B	2.12B	27
28	7.00B	1.90B	2.20B	84.4	14.9	2.38	1.72	14.2	4.55	3.70	2.75B	2.03B	28
29	10.0 B		3.40B	81.1	13.1	2.51	1.67	11.3	4.24	3.84	2.55B	1.96B	29
30	11.1 B		3.20B	62.4	11.5	2.48	1.64	9.63	4.25	4.08	2.40B	1.87B	30
31	11.3 B		3.80B		10.1		2.00	8.62		4.34		1.82B	31
TOTAL	95.63	108.56	55.66	1 100.10	749.61	141.99	72.38	265.95	156.03	129.85	94.57	86.86	TOTAL
MEAN	3.08	3.88	1.80	36.7	24.2	4.73	2.33	8.58	5.20	4.19	3.15	2.80	MEAN
MAX	11.3	9.20	3.80	87.3	68.3	9.79	4.10	23.7	8.79	5.84	4.41	5.60	MAX
MIN	1.50	1.90	1.34	5.00	9.81	2.38	1.58	2.35	3.47	3.25	1.94	1.82	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.38
MAXIMUM DAILY, 87.3 ON APR 27
MINIMUM DAILY, 1.34B ON MAR 18
MAXIMUM INSTANTANEOUS,
93.8 AT 22:30 AST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 52 N
LONG 66 01 47 W
DRAINAGE AREA, 510 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 260	JUL	6 250
FEB	9 380	AUG	23 000
MAR	4 810	SEP	13 500
APR	95 000	OCT	11 200
MAY	64 800	NOV	8 170
JUN	12 300	DEC	7 500

TOTAL DISCHARGE, 264 000 dam^3

JEMSEG RIVER AT JEMSEG - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.145E	2.325E	1.282	2.133	3.623	2.222	1.323	1.159	1.591	1.341	1.096	1.546	1
2	1.135E	2.305E	1.295	2.442	3.524	2.179	1.256	1.158	1.521	1.387	1.173	1.539	2
3	1.125E	2.275E	1.287	2.691	3.407	2.140	1.230	1.116	1.486	1.448	1.188	1.566	3
4	1.115E	2.225E	1.240	2.950	3.231	2.077	1.221	1.115	1.472	1.527	1.232	1.688	4
5	1.105E	2.180E	1.182	3.170	3.076	2.043	1.203	1.153	1.454	1.599	1.279	1.826	5
6	1.095E	2.125E	1.143	3.315	2.944	1.963	1.173	1.204	1.454	1.637	1.300	1.867	6
7	1.080E	2.090E	1.140	3.338	2.833	1.863	1.139	1.242	1.440	1.667	1.310	1.853	7
8	1.070E	2.050E	1.154	3.336	2.701	1.779	1.194	1.289	1.412	1.664	1.286	1.819A	8
9	1.060E	2.015E	1.168	3.352	2.596	1.750	1.271	1.409	1.403	1.671	1.252	1.763E	9
10	1.045E	1.945E	1.177	3.413	2.545	1.710	1.325	1.550	1.388	1.642	1.242	1.720	10
11	1.035E	1.880E	1.198	3.424	2.506	1.671	1.364	1.597	1.387	1.592	1.214	1.663	11
12	1.025E	1.825E	1.171	3.419	2.414	1.620	1.339	1.618	1.421	1.529	1.216	1.631	12
13	1.034A	1.775E	1.135	3.448	2.307	1.548	1.270	1.621	1.487	1.485A	1.261	1.599	13
14	1.049	1.725E	1.143A	3.459	2.174	1.490	1.219	1.609	1.550	1.481E	1.230	1.539	14
15	1.041	1.660E	1.135E	3.420	2.007	1.416	1.216	1.577	1.544	1.475E	1.188	1.481	15
16	1.000A	1.585E	1.120E	3.364	1.836	1.357	1.219	1.548	1.566	1.471A	1.158	1.434	16
17	1.045E	1.500E	1.075E	3.313	1.682	1.342	1.211	1.545	1.579	1.483	1.146	1.385A	17
18	1.025E	1.415E	1.020E	3.261	1.558	1.331	1.252	1.517	1.589	1.463	1.168	1.355A	18
19	0.985E	1.335E	0.970E	3.205	1.466	1.311	1.307	1.537	1.608	1.420	1.166	1.332	19
20	0.955E	1.270E	0.995E	3.141	1.395	1.307	1.309	1.553	1.591	1.380	1.159	1.316	20
21	0.945E	1.220E	1.010E	3.115	1.375	1.307	1.308	1.569	1.537	1.362	1.208	1.290	21
22	0.985E	1.195E	1.065E	3.117	1.429	1.286	1.316	1.588	1.462	1.353	1.137	1.268A	22
23	1.045E	1.175E	1.085E	3.253	1.526	1.291	1.319	1.569	1.430	1.324	1.072	1.265	23
24	1.090E	1.190E	1.095E	3.515	1.643	1.317	1.324	1.558	1.425	1.278	1.045	1.240	24
25	1.125E	1.203A	1.096A	3.722	1.834	1.352	1.330	1.584	1.440	1.209	1.049	1.209	25
26	1.150E	1.220	1.139	3.822	2.038	1.373	1.325	1.630	1.426	1.152	1.077	1.185	26
27	1.190E	1.265	1.206	3.860	2.221	1.382	1.288	1.686	1.379	1.098	1.225	1.182	27
28	1.420E	1.277	1.344	3.863	2.342	1.415	1.244	1.761	1.318	1.084	1.373	1.188	28
29	1.780E		1.472	3.818	2.391	1.406	1.225	1.783	1.274	1.059	1.491	1.182	29
30	2.070E		1.634	3.722	2.394	1.386	1.187	1.732	1.281	1.079	1.560	1.220	30
31	2.260E		1.836		2.324		1.160	1.677		1.063		1.270	31
MEAN	1.169	1.688	1.194	3.313	2.301	1.587	1.261	1.491	1.464	1.400	1.217	1.465	MEAN
MAX	2.260	2.325	1.836	3.863	3.623	2.222	1.364	1.763	1.608	1.671	1.560	1.867	MAX
MIN	0.945	1.175	0.970	2.133	1.375	1.291	1.139	1.116	1.274	1.059	1.045	1.182	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 1.626
MAXIMUM DAILY, 3.863 ON APR 28
MINIMUM DAILY, 0.945E ON JAN 21
MAXIMUM INSTANTANEOUS,
3.877 AT 08:00 AST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 46 N
LONG 66 06 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KENNEBECASIS RIVER AT APOHAQUI - STATION NO. 01AP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.80B	58.0 B	7.70B	129	40.0	18.7	4.90	52.0 E	6.98	12.9	4.21	26.6	1
2	8.10B	50.0 B	7.42B	108	37.5	26.7	4.67	35.0 E	6.40	9.37	4.86	23.2	2
3	7.50B	44.2 B	7.10B	96.1	34.2	29.6	4.67	20.0 E	7.29	7.16	8.63	25.7	3
4	6.90B	38.5 B	6.90B	76.9	30.7	20.6	4.68	15.0 E	6.82	7.55	6.26	51.3	4
5	6.40B	35.5 B	6.62B	63.2	27.8	17.4	4.54	10.5 E	6.14	10.7	5.28	36.6	5
6	6.00B	32.0 B	6.50B	51.2	25.7	15.7	4.55	7.20E	5.70	8.27	4.43	26.9	6
7	5.80B	29.8 B	6.30B	44.1	23.9	13.6	4.41	6.30E	5.62	8.29	4.68	21.5B	7
8	5.11B	27.2 B	6.10B	40.6	21.6	13.1	4.58	8.00E	5.50	7.61	4.82	19.2B	8
9	4.95B	25.1 B	6.00B	80.1	20.0	17.4	4.13	16.5 E	4.94	7.18	5.11	17.8B	9
10	4.62B	23.5 B	5.85B	104	18.7	13.6	3.98	54.0 E	4.60	8.57	7.28	16.5B	10
11	4.40B	22.0 B	5.70B	94.3	16.6	11.4	3.90	40.0 E	5.34	7.40	6.34	15.3B	11
12	4.15B	20.0 B	5.55B	105	15.3	10.4	3.84	24.0 E	12.1	6.63	5.38	14.5B	12
13	3.95B	18.5 B	5.40B	109	14.9	9.50	3.85	14.0 E	9.69	6.32	5.37	13.9B	13
14	3.75B	17.2 B	5.40B	89.9	14.0	10.6	3.92	9.50E	7.00	6.16	6.00	13.5B	14
15	3.60B	16.2 B	9.00B	76.1	13.2	9.80	4.43	7.00E	5.66	6.93	6.32	13.0B	15
16	3.50B	15.2 B	12.2 B	68.5	12.3	8.94	5.49A	6.20E	5.12	5.97	4.96	12.4B	16
17	3.50B	14.2 B	10.8 B	65.6	11.8	9.40	5.90E	7.20E	4.69	5.48	4.54	12.1B	17
18	3.70B	13.2 B	10.0 B	59.7	12.0	8.13	6.70E	6.70A	4.71	5.47	4.30B	11.8B	18
19	4.30B	12.5 B	40.0 B	51.2	11.0	7.13	8.20E	6.57	4.64	5.68	4.08B	11.3B	19
20	7.10B	11.8 B	130 B	45.8	10.3	6.59	7.50E	6.99	4.43	5.54	3.95B	11.1B	20
21	6.70B	11.1 B	105 B	42.4	10.0	6.03	6.00E	6.68	4.16	5.35	12.1	10.8B	21
22	5.90B	10.5 B	80.0 B	49.1	10.9	5.64	4.70E	5.90	4.07	5.63	51.6	10.5B	22
23	5.40B	10.1 B	68.0 B	65.8	17.5	5.54	3.45E	5.39	4.17	5.76	29.6	10.4B	23
24	5.00B	9.60B	58.0 B	122	45.2	5.48	3.15E	5.85	10.1	5.54	36.4	10.1B	24
25	4.70B	9.20B	52.0 B	88.8	51.5	5.52	2.90E	12.0	10.2	5.27	56.1	10.0B	25
26	4.50B	9.00B	60.0 B	70.9	31.3	5.38	2.70E	9.03	8.81	4.64	36.3	19.5B	26
27	40.0 B	8.60B	93.0 B	62.7	24.8	4.99	4.40E	10.4	7.33	4.58	66.4	17.0B	27
28	120 B	8.30B	83.9	55.7	21.2	5.61	9.70E	25.8	6.30	4.52	61.6	14.8B	28
29	82.0 B		67.2	49.4	19.7	6.11	12.2 E	14.9	5.24	4.44	39.2	13.2B	29
30	73.0 B		85.2	44.0	17.6	5.37	9.30E	10.3	6.05	4.42	33.4	11.8B	30
31	64.0 B		133		17.7		35.0 E	8.03		4.18		10.8B	31
TOTAL	517.13	601.00	1 185.84	2 209.1	678.9	333.96	192.34	466.94	191.80	203.51	529.50	533.1	TOTAL
MEAN	16.7	21.5	38.3	73.6	21.9	11.1	6.20	15.1	6.39	6.56	17.7	17.2	MEAN
MAX	120	58.0	133	129	51.5	29.6	35.0	54.0	12.1	12.9	66.4	51.3	MAX
MIN	3.50	8.30	5.40	40.6	10.0	4.99	2.70	5.39	4.07	4.18	3.95	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.9
MAXIMUM DAILY, 133 ON MAR 31
MINIMUM DAILY, 2.70E ON JUL 26
MAXIMUM INSTANTANEOUS,
157 AT 00:37 AST ON APR 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 07 N
LONG 65 36 05 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 700	JUL	16 600
FEB	51 900	AUG	40 300
MAR	102 000	SEP	16 600
APR	191 000	OCT	17 600
MAY	58 700	NOV	45 700
JUN	28 900	DEC	46 100

TOTAL DISCHARGE, 660 000 dam³

KINNEAR RIVER NEAR HAUTE-ABOUJAGANE - STATION NO. 01BT001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.210B	0.740B	0.080B	5.40 B	0.840	0.366	0.042	5.08	0.105	0.353	0.124	1.12	1
2	0.175B	0.640B	0.076B	4.80 B	0.727	0.570	0.036	2.12	0.072	0.325	0.140	0.900B	2
3	0.150B	0.560B	0.073B	3.70 B	0.545	0.769	0.033	1.06	0.052	0.238	0.255	0.814	3
4	0.118B	0.460B	0.071B	3.00 B	0.425	0.672	0.032	0.974	0.044	0.221	0.233	1.79	4
5	0.102B	0.399B	0.068B	2.40 B	0.347	0.447	0.034	0.733	0.042	0.292	0.170	1.45	5
6	0.094B	0.355B	0.065B	2.00 B	0.338	0.342	0.036	0.403	0.039	0.235	0.129	1.08	6
7	0.083B	0.315B	0.063B	1.70 B	0.286	0.236	0.032	0.253	0.036	0.196	0.124	0.659	7
8	0.078B	0.282B	0.060B	1.55 B	0.260	0.233	0.031	0.208	0.028	0.181	0.138	0.428	8
9	0.070B	0.262B	0.058B	2.00 B	0.222	0.798	0.030	0.192	0.024	0.177	0.152	0.274	9
10	0.062B	0.242B	0.057B	3.40 B	0.204	0.469	0.027	0.213	0.022	0.215	0.189	0.272	10
11	0.056B	0.222B	0.055B	5.20 B	0.150	0.278	0.026	0.180	0.024	0.205	0.195	0.259	11
12	0.051B	0.202B	0.053B	4.40 B	0.130	0.200	0.027	0.138	0.088	0.161	0.153	0.256	12
13	0.047B	0.190B	0.051B	3.80 B	0.129	0.153	0.024	0.092	0.090	0.141	0.132	0.258	13
14	0.043B	0.178B	0.054B	3.30 B	0.104	0.173	0.022	0.060	0.056	0.123	0.084	0.268	14
15	0.040B	0.168B	0.060B	3.00 B	0.082	0.166	0.035	0.036	0.040	0.130	0.064	0.255	15
16	0.038B	0.156B	0.072B	2.80 B	0.067	0.109	0.064	0.031	0.036	0.138	0.051	0.226	16
17	0.040B	0.148B	0.082B	4.00 B	0.060	0.087	0.353	0.269	0.028	0.098	0.055B	0.244	17
18	0.045B	0.140B	0.120B	3.00 B	0.058	0.066	0.036	0.312	0.017	0.090	0.064B	0.295	18
19	0.053B	0.132B	0.250B	2.36	0.049	0.045	0.040	0.243	0.019	0.093	0.067B	0.269B	19
20	0.080B	0.123B	0.760B	1.78	0.050	0.036	0.047	0.242	0.020	0.106	0.073	0.223B	20
21	0.150B	0.120B	0.630B	1.78	0.054	0.030	0.034	0.171	0.019	0.098	0.155B	0.179B	21
22	0.121B	0.113B	0.570B	2.35	0.058	0.027	0.028	0.108	0.020	0.098	2.24 B	0.192	22
23	0.111B	0.108B	0.490B	3.98	0.307	0.026	0.023	0.090	0.025	0.098	1.40 B	0.214	23
24	0.102B	0.102B	0.420B	7.40	3.14	0.025	0.022	0.158	0.222	0.086	0.960B	0.204	24
25	0.094B	0.098B	0.340B	3.12	3.65	0.028	0.021	1.21	0.389	0.147	1.80 B	0.192B	25
26	1.15 B	0.094B	0.400B	2.21	1.81	0.025	0.019	0.772	0.464	0.168	1.20 B	0.220B	26
27	1.74 B	0.090B	0.640B	1.82	0.990	0.023	0.023	0.434	0.332	0.133	0.940B	0.320B	27
28	1.41 B	0.088B	0.880B	1.49	0.605	0.028	1.35	0.474	0.243	0.142	2.10 B	0.290B	28
29	1.21 B		1.50 B	1.24	0.644	0.032	3.15	0.357	0.152	0.151	1.65	0.252B	29
30	1.00 B		3.20 B	0.986	0.465	0.039	1.73	0.220	0.165	0.157	1.29	0.229B	30
31	0.870B		4.10 B		0.386		2.74	0.137		0.139		0.209B	31
TOTAL	9.593	6.725	15.398	89.976	17.192	6.498	9.847	16.970	2.913	5.135	16.327	13.841	TOTAL
MEAN	0.309	0.240	0.497	3.00	0.555	0.217	0.318	0.547	0.097	0.166	0.544	0.446	MEAN
MAX	1.74	0.740	4.10	7.40	3.65	0.798	3.15	5.08	0.464	0.353	2.24	1.79	MAX
MIN	0.038	0.086	0.051	0.986	0.049	0.023	0.019	0.031	0.017	0.086	0.051	0.179	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.576
MAXIMUM DAILY, 7.40 ON APR 24
MINIMUM DAILY, 0.017 ON SEP 18
MAXIMUM INSTANTANEOUS,
9.36 AT 03:50 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 09 10 N
LONG 64 23 06 W
DRAINAGE AREA, 32.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	829	JUL	851
FEB	581	AUG	1 470
MAR	1 330	SEP	252
APR	7 770	OCT	444
MAY	1 490	NOV	1 410
JUN	561	DEC	1 200

TOTAL DISCHARGE, 18 200 dam³

KOUCHIBOUGUAC RIVER NEAR VAUTOUR - STATION NO. 01BR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.605B	3.80 B	0.530B	15.0 B	8.70	5.18	1.23	2.94	0.854	1.79	1.20	1.95B	1
2	0.592B	3.30 B	0.520B	24.2	8.04	11.6	1.22	2.15	0.774	1.83	1.24	1.75B	2
3	0.580B	2.85 B	0.510B	21.9	7.25	11.2	1.09	1.69	0.715	1.64	1.27	3.40B	3
4	0.567B	2.45 B	0.500B	18.4	6.49	7.41	1.02	1.62	0.673	1.61	1.18 B	4.00B	4
5	0.555B	2.20 B	0.490B	15.4	5.83	5.91	1.22	1.36	0.650	1.76	1.10 B	3.60B	5
6	0.545B	2.02 B	0.480B	11.9	5.36	4.92	1.19	1.04	0.661	1.62	0.979B	2.90B	6
7	0.533B	1.82 B	0.470B	9.27	5.09	4.19	1.03	0.879	0.764	1.50	1.01 B	2.70B	7
8	0.525B	1.62 B	0.460B	7.49	4.76	5.48	0.943	1.06	0.715	1.44	1.04 B	2.40B	8
9	0.515B	1.49 B	0.450B	8.84	4.33	6.94	0.883	1.90	0.671	1.34	1.05	2.20B	9
10	0.505B	1.35 B	0.440B	18.4	3.96	4.95	0.832	2.29	0.576	1.28	1.38	2.10B	10
11	0.495B	1.32 B	0.436B	20.5	3.72	4.18	0.765	2.16	0.644	1.26	1.27	1.90B	11
12	0.487B	1.24 B	0.433B	25.3	3.54	3.71	0.815	1.75	6.38	1.22	1.15	1.85B	12
13	0.478B	1.14 B	0.431B	29.5	3.32	3.25	0.743	1.38	6.83	1.16	1.08	1.75B	13
14	0.469B	1.08 B	0.429B	23.0	3.04	2.95	0.713	1.10	4.11	1.17	1.03 B	1.65B	14
15	0.460B	1.00 B	0.427B	21.0	2.85	2.76	1.17	0.937	3.82	1.47	0.990B	1.60B	15
16	0.451B	0.950B	0.425B	19.2	2.70	2.56	1.42	0.876	2.02	1.40	0.960B	1.50B	16
17	0.442B	0.900B	0.422B	19.9	2.51	2.33	1.24	0.873	1.69	1.29	0.930B	1.45B	17
18	0.433B	0.850B	0.550B	18.0	2.40	2.01	1.21	0.822	1.49	1.25	0.900B	1.35B	18
19	0.424B	0.800B	0.900B	14.0	2.26	1.78	1.32	0.960	1.36	1.18	0.860B	1.30B	19
20	0.770B	0.760B	1.30 B	11.8	2.16	1.65	1.12	1.10	1.27	1.11	0.840B	1.23B	20
21	1.32 B	0.730B	2.20 B	11.3	2.21	1.55	0.922	1.06	1.13	1.12	0.820B	1.18B	21
22	1.22 B	0.700B	2.00 B	13.8	2.53	1.45	0.816	0.852	1.04	1.02	0.805B	1.15B	22
23	1.14 B	0.670B	1.70 B	16.3	5.16	1.42	0.688	0.786	1.02	1.08	0.800B	1.10B	23
24	1.06 B	0.640B	1.35 B	30.3	12.6	1.30	0.613	1.00	2.18	1.25	1.30 B	1.05B	24
25	1.00 B	0.610B	1.10 B	21.5	18.9	1.26	0.562	1.93	2.86	1.18	1.95 B	1.00B	25
26	0.960B	0.590B	1.00 B	20.2	11.6	1.20	0.800	2.32	2.86	1.07	1.80 B	1.95B	26
27	3.50 B	0.570B	0.900B	17.5	7.81	1.12	0.840	1.84	2.27	1.06	2.15 B	1.90B	27
28	3.95 B	0.550B	1.40 B	14.1	7.63	1.38	0.724	1.64	1.81	1.10	3.00 B	1.78B	28
29	5.85 B		1.95 B	11.8	9.54	1.34	0.718	1.37	1.56	1.10	2.60 B	1.70B	29
30	5.15 B		5.00 B	9.92	6.89	1.23	0.750	1.13	1.50	1.11	2.30 B	1.60B	30
31	4.30 B		13.0 B		5.44		1.25	0.980		1.16		1.55B	31
TOTAL	39.882	38.040	42.203	523.72	178.62	108.25	29.667	43.607	53.897	40.57	38.984	58.54	TOTAL
MEAN	1.29	1.36	1.36	17.5	5.76	3.61	0.957	1.41	1.80	1.31	1.30	1.89	MEAN
MAX	5.85	3.80	13.0	30.3	18.9	11.6	1.42	2.94	6.83	1.83	3.00	4.00	MAX
MIN	0.424	0.550	0.422	7.49	2.16	1.12	0.562	0.786	0.576	1.02	0.800	1.00	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 30.3 ON APR 24
MINIMUM DAILY, 0.422B ON MAR 17
MAXIMUM INSTANTANEOUS,
34.2 AT 11:19 AST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 36 N
LONG 65 12 17 W
DRAINAGE AREA, 177 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 450	JUL	2 560
FEB	3 290	AUG	3 780
MAR	3 650	SEP	4 660
APR	45 200	OCT	3 510
MAY	15 400	NOV	3 370
JUN	9 350	DEC	5 060

TOTAL DISCHARGE, 103 000 dam^3

LAKE UTOPIA AT CANAL - STATION NO. 01AQ009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	17.672	16.645	16.405	17.675	16.930	16.592	18.034	1
2	---	---	---	---	---	17.641	16.641	16.425	17.575	16.985	16.556	17.999	2
3	---	---	---	---	---	17.624	16.636	16.457	17.462	17.035	16.526	17.990	3
4	---	---	---	---	---	17.608	16.622	16.542	17.339	17.065	16.499	18.192	4
5	---	---	---	---	---	17.573	16.611	16.613	17.209	17.101	16.474	18.385	5
6	---	---	---	---	---	17.520	16.599	16.653	17.116	17.130	16.446	18.403	6
7	---	---	---	---	---	17.446	16.584	16.674	17.013	17.153	16.422	18.306	7
8	---	---	---	---	---	17.363	17.500A	16.685	16.899	17.168	16.393	18.181	8
9	---	---	---	---	---	17.308	---	16.714	16.828	17.178	16.375	18.038	9
10	---	---	---	---	---	17.308	---	16.796	16.765	17.176	16.360	17.928	10
11	---	---	---	---	---	17.305	---	16.864	16.700	17.154	16.364	17.835	11
12	---	---	---	---	---	17.287	---	16.916	16.646	17.132	16.370	17.759	12
13	---	---	---	---	---	17.261	---	16.948	16.620	17.107	16.371	17.681	13
14	---	---	---	---	---	17.240	---	16.963	16.603	17.085	16.385	17.587	14
15	---	---	---	---	---	17.201	---	16.947	16.604	17.065	16.398	17.503	15
16	---	---	---	---	---	17.169	---	16.957	16.690	17.034	16.411	17.430	16
17	---	---	---	---	---	17.125	16.536A	16.997	16.772	17.004	16.430	---	17
18	---	---	---	---	---	17.067	16.546	17.032	16.839	16.981	16.448	---	18
19	---	---	---	---	---	17.014	16.555	17.088	16.877	16.949	16.457	---	19
20	---	---	---	---	---	16.987	16.561	17.112	16.834	16.922	16.446	---	20
21	---	---	---	---	---	16.912	16.565	17.120	16.782	16.890	16.457	---	21
22	---	---	---	---	---	16.858	16.546	17.118	16.719	16.863	16.518	---	22
23	---	---	---	---	---	16.811	16.531	17.085	16.671	16.824	16.590	---	23
24	---	---	---	---	---	16.785	16.510	17.126	16.670	16.794	16.661	---	24
25	---	---	---	---	---	16.759	16.479	17.336	16.734	16.787	16.767	---	25
26	---	---	---	---	---	16.731	16.454	17.519	16.805	16.770	16.921	---	26
27	---	---	---	---	---	16.702	16.439	17.628	16.849	16.749	17.167	---	27
28	---	---	---	---	17.758	16.684	16.455	17.751	16.866	16.723	17.501	---	28
29	---		---	---	17.754	16.669	16.443	17.815	16.867	16.695	17.767	---	29
30	---		---	---	17.742	16.653	16.418	17.806	16.884	16.662	17.907	---	30
31	---		---		17.710		16.397	17.756		16.635		---	31
MEAN	---	---	---	---	---	17.142	---	17.027	16.897	16.960	16.633	---	MEAN
MAX	---	---	---	---	---	17.672	---	17.815	17.675	17.178	17.907	---	MAX
MIN	---	---	---	---	---	16.653	---	16.405	16.603	16.635	16.360	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MINIMUM DAILY, 16.360 ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 37 N
LONG 66 49 40 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEPREAU RIVER AT LEPREAU - STATION NO. 01AQ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	16.0 B	1.59B	23.0 B	8.20	4.07	1.51	2.66	6.49	5.35	1.53	9.21	1
2	3.10B	13.5 B	1.52B	21.5 B	7.48	4.36	1.28	2.57	5.62	4.82	1.63	8.20B	2
3	2.60B	11.2 B	1.48B	20.2	6.97	4.92	1.31	2.69	5.21	3.86	1.68	11.0 B	3
4	2.90B	9.80B	1.42B	17.7	6.23	4.12	1.29	5.77	4.73	4.23	1.77	40.7	4
5	3.50B	8.40B	1.36B	15.4	5.57	3.66	1.25	4.76	4.03	6.36	1.81	26.3	5
6	4.00B	7.40B	1.31B	13.3	5.26	3.32	1.25	3.09	3.75	5.53	1.90	16.0 B	6
7	3.55B	6.80B	1.27B	11.4	4.96	3.03	1.26	2.36	3.85	5.06	1.92	12.0 B	7
8	3.00B	6.00B	1.22B	10.5	4.54	2.98	1.20	2.93	3.59	4.38	1.86	10.2 B	8
9	2.53B	5.30B	1.19B	19.7	3.92	3.44	1.10	5.33	2.96	3.88	1.99	9.20B	9
10	2.30B	4.75B	1.18B	24.5	3.61	3.45	0.932	8.50	2.62	3.69	2.55	8.50B	10
11	2.06B	4.30B	1.29B	20.6	3.42	2.88	0.849	7.45	3.58	3.42	2.60	7.60B	11
12	1.84B	4.00B	1.40B	20.5	3.19	2.53	0.763	6.03	3.53	3.06	2.31	6.90B	12
13	1.69B	3.80B	1.70B	21.4	2.88	2.30	0.685	4.67	3.76	2.82	2.01	6.00B	13
14	1.55B	3.50B	2.00B	18.7	2.50	2.40	0.718	3.52	3.32	2.66	1.87	5.40B	14
15	1.40B	3.30B	2.70B	16.6	2.25	2.31	0.888	3.03	2.71	3.08	1.70B	5.00B	15
16	1.30B	3.05B	3.70B	14.9	2.04	2.13	0.995	2.86	2.68	2.93	1.55B	4.40B	16
17	1.19B	2.88B	4.82B	13.0	1.93	2.05	0.945	4.00	2.84	2.64	1.40B	4.10B	17
18	1.12B	2.72B	3.90B	11.8	1.90	1.89	0.937	4.05	2.51	2.52	1.28B	3.83B	18
19	1.06B	2.62B	6.00B	10.4	1.86	1.56	1.07	6.90	2.19	2.26	1.19B	3.50B	19
20	3.00B	2.50B	14.8 B	8.87	1.77	1.40	1.21	7.98	2.07	2.03	1.12B	3.30B	20
21	17.0 B	2.33B	12.1 B	7.99	1.67	1.23	1.01	5.63	1.82	2.00	2.52	3.00B	21
22	15.5 B	2.20B	10.0 B	10.5	1.99	1.10	0.819	4.30	1.68	2.15	7.01	2.85B	22
23	13.3 B	2.10B	8.80B	14.6	4.32	1.03	0.747	3.65	1.82	2.17	5.55	2.68B	23
24	12.0 B	2.00B	8.00B	20.1	7.21	0.969	0.660	5.15	3.95	2.12	6.30	2.50B	24
25	10.5 B	1.92B	7.30B	17.5	11.1	0.901	0.563	18.2	5.98	2.00	12.0	2.32B	25
26	9.50B	1.85B	7.30B	15.0	4.51	0.833	0.520	11.1	5.52	1.86	9.61	3.20B	26
27	13.0 B	1.79B	8.20B	13.9	5.31	0.772	0.546	12.6	3.95	1.79	22.3	8.40B	27
28	34.0 B	1.72B	15.1 B	12.2	5.17	0.942	0.870	21.0	3.05	1.76	21.2	7.50B	28
29	30.0 B		13.2 B	10.5	4.94	1.42	1.55	13.5	2.83	1.79	14.6	6.80B	29
30	27.0 B		16.1 B	9.17	4.42	1.84	1.59	9.86	3.26	1.76	11.5	6.10B	30
31	20.0 B		19.8 B		4.13		1.62	7.98		1.72		5.70B	31
TOTAL	248.93	137.53	181.75	465.43	140.35	69.937	32.035	208.17	104.72	95.72	146.76	252.39	TOTAL
MEAN	8.03	4.91	5.86	15.5	4.53	2.33	1.03	6.72	3.49	3.09	4.89	8.14	MEAN
MAX	34.0	16.0	19.8	24.5	11.1	4.92	1.62	21.0	6.49	6.36	22.3	40.7	MAX
MIN	1.06	1.72	1.18	7.99	1.67	0.772	0.520	2.36	1.68	1.72	1.12	2.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.71
MAXIMUM DAILY, 40.7 ON DEC 4
MINIMUM DAILY, 0.520 ON JUL 26
MAXIMUM INSTANTANEOUS,
46.6 AT 07:14 AST ON DEC 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 12 N
LONG 66 28 00 W
DRAINAGE AREA, 239 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 500	JUL	2 770
FEB	11 900	AUG	18 000
MAR	15 700	SEP	9 050
APR	40 200	OCT	8 270
MAY	12 100	NOV	12 800
JUN	6 040	DEC	21 800

TOTAL DISCHARGE, 180 000 dam³

LIMESTONE STREAM AT FOUR FALLS - STATION NO. 01AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.870B	5.20 B	0.990B	21.5 B	6.02	2.23	0.697	1.26	2.05	3.13	1.88	1.90B	1
2	0.850B	4.50 B	0.950B	17.7	5.38	2.20	0.568	1.04	1.92	2.86	1.87	1.80B	2
3	0.820B	3.90 B	0.910B	15.6	4.70	2.03	0.597	1.01	1.87	2.70	1.85	4.40B	3
4	0.800B	3.45 B	0.875B	13.1	4.32	1.82	0.692	1.10	1.65	2.56	1.72	4.00B	4
5	0.780B	3.05 B	0.850B	10.6	4.02	1.56	0.787	0.966	1.53	2.48	1.65B	3.80B	5
6	0.759B	2.80 B	0.820B	8.92	3.78	1.36	0.803	0.856	1.54	2.42	1.50B	3.60B	6
7	0.720B	2.60 B	0.790B	7.78	3.41	1.22	0.622	1.44	1.52	2.46	1.34	3.30B	7
8	0.700B	2.40 B	0.760B	6.45	2.82	1.61	0.644	4.01	1.51	2.45	1.33	3.00B	8
9	0.680B	2.20 B	0.735B	5.61	2.53	2.25	0.663	4.52	1.40	2.28	1.86	2.80B	9
10	0.660B	2.06 B	0.715B	5.33	2.42	2.11	0.654	4.14	1.26	2.30	2.23	2.60B	10
11	0.640B	1.93 B	0.680B	4.93	2.44	1.85	0.507	3.11	1.35	2.15	2.10B	2.40B	11
12	0.620B	1.80 B	0.660B	5.95	2.27	1.56	0.505	2.23	2.81	2.04	1.91	2.20B	12
13	0.600B	1.71 B	0.640B	9.15	2.12	1.47	0.433	1.69	2.98	1.86	1.85B	2.05B	13
14	0.590B	1.61 B	0.620B	12.3	2.09	1.41	0.575	1.43	2.60	1.75	1.75B	1.92B	14
15	0.575B	1.57 B	0.600B	12.0	1.95	1.26	1.23	1.22	2.31	2.00	1.65B	1.81B	15
16	0.560B	1.64 B	0.580B	12.2	1.82	1.15	1.18	1.26	2.00	2.06	1.55	1.69B	16
17	0.550B	1.51 B	0.565B	12.7	1.71	1.10	1.07	1.27	1.76	1.97	1.39	1.61B	17
18	0.540B	1.41 B	0.558B	12.3	1.63	1.05	1.25	1.23	1.54	1.75	1.45	1.55B	18
19	0.520B	1.31 B	0.535B	11.4	1.53	0.961	1.29	2.17	1.41	1.70	1.38B	1.48B	19
20	1.00 B	1.22 B	1.20 B	10.6	1.58	0.884	1.20	2.21	1.28	1.69	1.33B	1.42B	20
21	1.68 B	1.13 B	3.10 B	9.81	1.73	0.850	1.04	1.98	1.24	1.65	2.40B	1.36B	21
22	1.58 B	1.07 B	2.85 B	15.1	2.02	0.818	0.988	1.88	1.21	1.64	2.25B	1.31B	22
23	1.48 B	1.00 B	2.60 B	15.1	2.31	0.805	0.847	2.00	1.37	1.66	2.05B	1.27B	23
24	1.38 B	0.920B	2.38 B	12.9	3.05	0.728	0.776	4.20	2.11	1.68	1.90B	1.24B	24
25	1.29 B	0.880B	2.20 B	11.4	3.42	0.842	0.858	6.27	2.12	1.60	1.75B	1.70B	25
26	1.20 B	0.840B	2.00 B	10.3	2.94	0.778	0.623	5.31	2.18	1.52	3.20B	1.80B	26
27	2.20 B	0.900B	9.00 B	9.36	2.62	0.739	0.641	4.35	1.96	1.45	2.90B	1.62B	27
28	9.00 B	0.840B	15.0 B	8.30	3.05	0.785	0.628	3.71	1.76	1.43	2.60B	1.53B	28
29	7.70 B		28.5 B	7.38	3.16	0.805	0.543	3.19	1.63	1.52	2.35B	1.48B	29
30	6.80 B		25.0 B	6.66	2.83	0.812	0.533	2.57	2.45	1.94	2.05B	1.41B	30
31	5.70 B		22.0 B		2.53		0.728	2.36		2.03		1.32B	31
TOTAL	53.844	55.450	129.663	322.43	88.21	39.045	23.992	75.982	54.32	62.74	57.04	65.37	TOTAL
MEAN	1.74	1.98	4.18	10.7	2.85	1.30	0.774	2.45	1.81	2.02	1.90	2.11	MEAN
MAX	9.00	5.20	28.5	21.5	6.02	2.25	1.29	6.27	2.98	3.13	3.20	4.40	MAX
MIN	0.520	0.840	0.535	4.93	1.53	0.728	0.433	0.856	1.21	1.43	1.33	1.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 28.58 ON MAR 29
MINIMUM DAILY, 0.433 ON JUL 13

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 49 42 N
LONG 67 44 35 W
DRAINAGE AREA, 199 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 650	JUL	2 070
FEB	4 790	AUG	6 560
MAR	11 200	SEP	4 690
APR	27 900	OCT	5 420
MAY	7 620	NOV	4 930
JUN	3 370	DEC	5 650

TOTAL DISCHARGE, 88 900 dam³

REMARKS - PUBLISHED UNDER THE NAME "LIMESTONE RIVER AT FOUR FALLS" TO 1985

LITTLE SOUTH BRANCH TOMOGONOPS RIVER BELOW B PIT - STATION NO. 01BQ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.076	0.675B	0.111	0.390B	1.78	0.364	0.117	0.234	0.293	0.337	0.161	0.137	1
2	0.077	0.600B	0.107	0.860B	1.61	0.405	0.102	0.222	0.281	0.309	0.146	0.135	2
3	0.076	0.515B	0.101	1.45 B	1.42	0.351	0.090	0.204	0.269	0.280	0.138	0.161	3
4	0.076B	0.450B	0.094	1.55	1.17	0.332	0.084	0.177	0.251	0.299	0.144	0.393B	4
5	0.075B	0.420B	0.087	1.33	1.00	0.287	0.103	0.150	0.240	0.288	0.160B	0.264	5
6	0.074B	0.370B	0.082	1.17	0.889	0.252	0.082	0.155	0.261	0.266	0.187	0.259	6
7	0.074B	0.345B	0.088	1.08	0.814	0.240	0.076	0.247	0.240	0.248	0.157	0.220	7
8	0.073B	0.320B	0.092	0.958	0.733	0.345	0.080	0.382	0.214	0.236	0.145	0.182	8
9	0.072B	0.300B	0.076	0.964	0.661	0.338	0.080	0.590	0.215	0.222	0.185	0.170B	9
10	0.071B	0.280B	0.076	0.913	0.610	0.293	0.076	0.571	0.199	0.211	0.187	0.267B	10
11	0.071	0.262B	0.096	0.859	0.566	0.260	0.064	0.511	0.203	0.202	0.181B	0.228	11
12	0.069	0.248B	0.095	0.877	0.518	0.238	0.056	0.436	0.382	0.191	0.175B	0.200	12
13	0.072	0.232B	0.086	0.763	0.478	0.228	0.053	0.377	0.376	0.177	0.169B	0.185	13
14	0.069	0.222B	0.078	0.730	0.443	0.225	0.065	0.322	0.312	0.176	0.163B	0.160	14
15	0.065	0.215B	0.075	0.758	0.406	0.201	0.191	0.291	0.273	0.226	0.157B	0.154	15
16	0.067	0.205B	0.077	0.852	0.381	0.197	0.180	0.297	0.233	0.207	0.151B	0.143	16
17	0.064	0.196B	0.071	1.15	0.370	0.212	0.177	0.303	0.209	0.178	0.145B	0.134	17
18	0.062	0.189B	0.067	1.42	0.351	0.195	0.215	0.281	0.201	0.166	0.139B	0.133	18
19	0.058	0.180B	0.074	1.47	0.334	0.147	0.203	0.310	0.194	0.158	0.133B	0.125	19
20	0.100B	0.171B	0.155	1.56	0.402	0.138	0.169	0.332	0.184	0.165	0.127B	0.124	20
21	0.150B	0.163B	0.121	1.72	0.448	0.130	0.165	0.284	0.172	0.182	0.122B	0.118	21
22	0.192B	0.156B	0.106	3.14	0.482	0.121	0.144	0.264	0.172	0.197	0.160B	0.110	22
23	0.250B	0.148B	0.094	3.36	0.504	0.110	0.115	0.212	0.183	0.195	0.185B	0.104	23
24	0.232B	0.141	0.085	3.77	0.549	0.105	0.098	0.273	0.265	0.164	0.240B	0.095	24
25	0.218B	0.136	0.079	3.65	0.519	0.114	0.098	0.455	0.421	0.142	0.300B	0.100	25
26	0.206B	0.129	0.096B	3.16	0.478	0.112	0.097	0.525	0.407	0.125	0.244	0.127	26
27	0.300B	0.141	0.111B	3.32	0.451	0.097	0.080	0.478	0.361	0.118	0.223	0.120	27
28	0.480B	0.126	0.150B	2.87	0.435	0.121	0.075	0.446	0.323	0.134	0.189	0.110	28
29	0.620B		0.195B	2.46	0.404	0.118	0.082	0.394	0.309	0.135	0.164	0.106	29
30	0.920B		1.19 B	1.98	0.370	0.115	0.086	0.356	0.343	0.155	0.145	0.095	30
31	0.760B		0.260B		0.335		0.164	0.320		0.174		0.095	31
TOTAL	5.669	7.545	4.281	50.934	19.913	6.393	3.478	10.433	7.993	6.304	5.142	4.998	TOTAL
MEAN	0.183	0.269	0.138	1.70	0.642	0.213	0.112	0.337	0.266	0.203	0.171	0.161	MEAN
MAX	0.920	0.675	1.19	3.77	1.78	0.405	0.215	0.590	0.421	0.337	0.300	0.393	MAX
MIN	0.058	0.126	0.067	0.390	0.334	0.097	0.053	0.150	0.172	0.118	0.122	0.095	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.365
MAXIMUM DAILY, 3.77 ON APR 24
MINIMUM DAILY, 0.053 ON JUL 13
MAXIMUM INSTANTANEOUS,
4.53 AT 22:37 AST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 17 28 N
LONG 66 02 34 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	490	JUL	301
FEB	652	AUG	901
MAR	370	SEP	691
APR	4 400	OCT	545
MAY	1 720	NOV	444
JUN	552	DEC	432

TOTAL DISCHARGE, 11 500 dam³

LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON - STATION NO. 01BP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.60B	28.0 B	8.40B	74.0B	176	31.7	12.8	10.9 A	9.29	20.5	12.6	14.0 B	1
2	9.40B	26.0 B	8.20B	110 B	173	37.0	12.0	12.0 E	8.67	20.1	12.5	11.0 B	2
3	9.20B	25.0 B	8.00B	152 B	151	35.4	10.9	11.0 E	8.61	17.4	12.3	16.0 B	3
4	9.00B	24.0 B	7.80B	130 B	117	30.0	10.3	10.2 E	8.37	16.8	11.9	23.0 B	4
5	8.80B	23.0 B	7.70B	105 B	93.1	26.9	11.3	9.20E	8.17	17.6	11.2	35.0 B	5
6	8.60B	21.0 B	7.60B	85.0B	81.7	25.0	11.1	8.60E	8.50	18.2	9.13	31.0 B	6
7	8.40B	20.0 B	7.50B	75.0B	74.5	23.0	10.3	8.20E	9.72	16.8	14.0	28.0 B	7
8	8.20B	19.0 B	7.40B	58.0B	66.9	24.9	10.2	10.0 E	9.37	15.7	15.0	25.0 B	8
9	8.00B	18.0 B	7.30B	51.0B	63.8	34.6	9.76	18.0 E	8.70	14.7	13.4	21.0 B	9
10	7.80B	16.5 B	7.20B	49.0B	58.2	30.5	7.20A	27.0 E	8.16	14.2	16.1	20.5 B	10
11	7.70B	16.0 B	7.10B	64.0B	55.3	25.3	6.90E	25.0 E	8.24	13.3	14.0 B	19.0 B	11
12	7.50B	15.0 B	7.00B	70.0B	52.0	22.1	6.70E	21.5 E	19.2	12.2	11.0 B	17.5 B	12
13	7.40B	14.2 B	6.90B	74.0B	46.8	20.3	6.60E	19.0 E	30.6	11.9	9.80B	16.0 B	13
14	7.30B	13.5 B	6.85B	78.0B	46.4	19.6	7.60E	15.5 E	23.0	11.9	8.34	15.0 B	14
15	7.21B	13.0 B	6.80B	84.0B	44.1	19.3	13.8 A	13.5 E	17.0	12.1	9.70	14.0 B	15
16	7.10B	12.6 B	6.70B	92.0B	41.4	18.0	21.7	12.0 E	14.6	12.1	12.9 B	12.9 B	16
17	7.00B	12.2 B	6.60B	100 B	39.6	17.9	17.5	11.5 E	12.2	12.0	12.0 B	11.6 B	17
18	6.80B	11.7 B	6.50B	111	38.5	18.4	15.0	11.7 E	11.2	11.1	11.0 B	10.6 B	18
19	6.75B	11.5 B	9.00B	89.3	37.5	17.1	17.1	11.0 E	10.4	11.0	9.87	10.2 B	19
20	9.00B	11.0 B	9.16B	82.2	36.1	15.7	17.4	14.5 E	9.98	10.9	9.20B	9.60B	20
21	12.0 B	10.6 B	13.5 B	86.0	38.0	14.7	13.9	16.5 E	9.49	10.6	8.40B	9.20B	21
22	15.5 B	10.2 B	15.5 B	116	47.0A	14.1	12.5	13.0 E	9.00	10.5	8.80B	8.80B	22
23	16.0 B	9.90B	13.5 B	150	58.0A	13.3	11.0	10.5 E	9.14	10.5	8.00B	8.40B	23
24	16.5 B	9.80B	12.5 B	180	62.3	12.5	9.94	10.0 E	15.2	11.4	7.80B	8.00B	24
25	15.0 B	9.40B	12.0 B	188	80.8	11.9	9.36	15.1 A	21.9	11.4	19.0 B	11.0 B	25
26	14.5 B	9.20B	11.0 B	221	60.5	11.8	8.88	15.4	25.6	11.3	17.0 B	15.0 B	26
27	13.8 B	9.00B	13.0 B	228	45.8	11.0	8.73	13.6	21.6	10.5	16.5 B	20.0 B	27
28	41.0 B	8.60B	27.0 B	214	43.1	12.3	8.57	12.4	17.8	10.7	21.5 B	19.0 B	28
29	37.0 B		31.5 B	210	40.7	13.3	7.76	12.1	14.9	10.5	25.5 B	18.3 B	29
30	35.0 B		29.0 B	183	37.8	13.2	7.66	10.7	15.3	10.8	22.0 B	17.5 B	30
31	31.0 B		55.0 B		33.9		8.65	10.0		13.3		17.0 B	31
TOTAL	411.16	428.80	383.21	3 509.5	2 050.8	622.0	342.93	421.60	404.11	412.0	391.44	513.10	TOTAL
MEAN	13.3	15.3	12.4	117	66.2	20.7	11.1	13.6	13.5	13.3	13.0	16.6	MEAN
MAX	41.0	28.0	55.0	228	176	37.0	21.7	27.0	30.6	20.5	25.5	35.0	MAX
MIN	6.75	8.60	6.50	49.0	33.9	11.0	6.60	8.20	8.16	10.5	7.80	8.00	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.1
MAXIMUM DAILY, 228 ON APR 27
MINIMUM DAILY, 6.50B ON MAR 18
MAXIMUM INSTANTANEOUS,
235 AT 22:28 AST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 09 N
LONG 65 54 26 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 500	JUL	29 600
FEB	37 100	AUG	36 400
MAR	33 100	SEP	34 900
APR	303 000	OCT	35 600
MAY	177 000	NOV	33 800
JUN	53 700	DEC	44 300

TOTAL DISCHARGE, 854 000 dam³

MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC - STATION NO. 01AQ007

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116.220	116.392	116.085	116.227	116.798	116.620	116.639	116.541	116.668	116.439	115.844	115.832	1
2	116.199	116.406	116.051	116.322	116.766	116.651	116.631	116.542	116.660	116.421	115.851	115.849	2
3	116.186	116.417	116.037	116.405	116.737	116.672	116.620	116.546	116.658	116.402	115.830	115.887	3
4	116.192	116.414	116.023	116.458	116.719	116.681	116.619	116.551	116.651	116.380	115.812	115.960	4
5	116.183	116.409	116.009	116.498	116.692	116.698	116.617	116.550	116.641	116.377	115.806	116.018	5
6	116.171	116.406	115.996	116.517	116.657	116.703	116.615	116.541	116.644	116.362	115.798	116.065	6
7	116.152	116.397	115.987	116.529	116.623	116.708	116.611	116.542	116.645	116.337	115.781	116.108	7
8	116.137	116.381	115.982	116.538	116.588	116.722	116.607	116.568	116.643	116.304	115.754	116.137	8
9	116.123	116.361	115.970	116.538	116.563	116.704	116.607	116.585	116.639	116.304	115.750	116.157	9
10	116.109	116.349	115.959	116.536	116.540	116.741	116.604	116.602	116.633	116.290	115.740	116.192	10
11	116.083	116.334	115.953	116.537	116.523	116.746	116.594	116.604	116.637	116.251	115.724	116.211	11
12	116.078	116.318	115.938	116.543	116.492	116.751	116.579	116.607	116.657	116.236	115.707	116.222	12
13	116.067	116.304	115.928	116.569	116.471	116.749	116.572	116.609	116.664	116.231	115.692	116.235	13
14	116.048	116.288	115.928	116.591	116.456	116.748	116.572	116.609	116.663	116.218	115.683	116.242	14
15	116.029	116.273	115.938	116.610	116.428	116.747	116.570	116.607	116.654	116.194	115.671	116.250	15
16	116.017	116.257	115.939	116.622	116.414	116.732	116.570	116.604	116.649	116.179	115.662	116.266	16
17	116.008	116.240	115.932	116.632	116.399	116.725	116.578	116.610	116.648	116.161	115.651	116.258	17
18	115.992	116.222	115.921	116.633	116.381	116.712	116.574	116.615	116.638	116.140	115.641	116.260	18
19	115.983	116.209	115.920	116.639	116.364	116.707	116.572	116.615	116.634	116.118	115.627	116.255	19
20	115.984	116.191	115.927	116.634	116.352	116.704	116.573	116.615	116.632	116.102	115.615	116.241	20
21	115.989	116.168	115.931	116.627	116.334	116.704	116.576	116.606	116.630	116.084	115.633	116.227	21
22	115.993	116.153	115.938	116.633	116.317	116.696	116.563	116.598	116.626	116.075	115.640	116.212	22
23	115.993	116.141	115.953	116.659	116.318	116.681	116.556	116.597	116.596	116.043	115.630	116.197	23
24	115.991	116.131	115.961	116.738	116.362	116.662	116.543	116.605	116.577	116.018	115.628	116.182	24
25	115.991	116.118	115.959	116.801	116.427	116.660	116.526	116.633	116.551	115.996	115.628	116.171	25
26	116.000	116.110	115.957	116.848	116.468	116.662	116.527	116.644	116.523	115.971	115.640	116.170	26
27	116.028	116.097	115.968	116.880	116.501	116.647	116.535	116.651	116.514	115.951	115.692	116.166	27
28	116.154	116.081	115.995	116.891	116.540	116.640	116.535	116.671	116.493	115.937	115.747	116.152	28
29	116.256		116.019	116.878	116.571	116.640	116.527	116.669	116.471	115.921	115.788	116.135	29
30	116.326		116.066	116.841	116.591	116.639	116.519	116.661	116.451	115.902	115.822	116.121	30
31	116.370		116.142		116.612		116.530	116.670		115.878		116.122	31
MEAN	116.099	116.270	115.977	116.612	116.516	116.696	116.576	116.602	116.613	116.168	115.716	116.145	MEAN
MAX	116.370	116.417	116.142	116.891	116.798	116.751	116.639	116.671	116.668	116.439	115.851	116.266	MAX
MIN	115.983	116.081	115.920	116.227	116.317	116.620	116.519	116.541	116.451	115.878	115.615	115.832	MIN

WATER LEVELS IN METRES

MEAN, 116.332
MAXIMUM DAILY, 116.891 ON APR 28
MINIMUM DAILY, 115.615 ON NOV 20
MAXIMUM INSTANTANEOUS,
116.893 AT 04:21 AST ON APR 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 44 N
LONG 67 11 09 W

REGULATED SINCE 1976

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGAGUADAVIC RIVER AT ELMCROFT - STATION NO. 01AQ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.2 B	75.0 B	15.0 B	155	61.6	23.7	8.14	11.4	16.4	27.1	13.0	55.0 B	1
2	14.8 B	67.0 B	14.5 B	148	57.5	25.5	7.85	12.1	14.3	26.7	13.0	50.0 B	2
3	14.0 B	61.0 B	14.0 B	128	54.6	32.1	7.75	12.5	13.3	24.0	13.7	47.0 B	3
4	13.4 B	56.0 B	13.5 B	108	50.2	28.3	7.65	15.1	11.9	23.7	14.3	89.0 B	4
5	12.9 B	53.0 B	13.0 B	92.0	46.1	23.3	7.39	17.2	10.8	25.9	14.5	66.0 B	5
6	12.5 B	48.0 B	12.5 B	79.7	42.8	20.1	7.20	13.0	9.96	25.6	14.3	48.0 B	6
7	12.0 B	46.0 B	12.2 B	70.7	40.7	17.6	7.11	10.5	9.88	24.5	14.3	37.0 B	7
8	11.7 B	42.0 B	11.8 B	63.8	38.1	16.4	7.10	9.54	10.0	23.2	14.6	30.5 B	8
9	11.1 B	40.0 B	11.4 B	88.5	36.2	18.6	6.55	12.7	9.52	21.5	14.6	24.5 B	9
10	10.8 B	38.0 B	11.0 B	125	29.5	19.4	5.97	17.5	8.74	20.3	15.5	21.0 B	10
11	10.2 B	36.0 B	10.3 B	115	25.0	17.1	8.82	18.0	9.01	19.3	15.5	18.5 B	11
12	9.90 B	34.0 B	11.9 B	109	23.1	15.1	8.75	17.4	14.9	18.0	15.0	16.2 B	12
13	9.60 B	32.0 B	13.0 B	115	22.0	14.1	8.67	14.6	19.2	17.3	14.5	14.2 B	13
14	9.20 B	30.0 B	14.0 B	107	21.1	13.6	8.65	11.5	17.3	16.5	11.7	12.8 B	14
15	8.90 B	29.0 B	16.0 B	94.6	19.6	13.0	8.91	9.43	14.0	17.0	10.2 B	11.8 B	15
16	8.60 B	27.0 B	18.0 B	85.6	18.4	12.0	8.91	9.10	12.0	16.9	9.40 B	11.5 B	16
17	8.30 B	26.0 B	22.2 B	81.3	18.3	11.0	8.56	12.5	10.3	16.1	9.00 B	10.8 B	17
18	8.00 B	24.5 B	20.0 B	78.2	18.5	9.99	8.85	13.1	9.20	15.5 A	8.40 B	10.2 B	18
19	7.80 B	23.5 B	24.0 B	72.9	18.3	8.97	9.18	14.2	8.65	15.1 E	7.90 B	9.60 B	19
20	8.00 B	22.5 B	29.0 B	66.4	17.7	8.15	8.67	13.7	8.61	14.9 E	7.70 B	9.30 B	20
21	16.0 B	21.5 B	34.0 B	61.7	17.4	7.54	7.72	11.2	7.76	14.9 E	7.40 B	8.90 B	21
22	22.0 B	21.0 B	50.0 B	64.2	17.5	7.03	7.20	10.0	7.18	14.8 E	8.80 B	8.50 B	22
23	30.0 B	20.0 B	82.0 B	82.6	20.2	6.60	6.68	9.71	10.3	14.5 E	10.2 B	8.30 B	23
24	26.0 B	19.0 B	54.0 B	112	32.3	6.38	6.11	20.4	21.3	14.2 E	13.2 B	8.00 B	24
25	24.8 B	18.5 B	48.0 B	118	67.2	6.17	5.82	56.6	25.8	14.1 E	16.5 B	7.80 B	25
26	22.5 B	17.8 B	44.0 B	95.2	59.4	6.02	5.57	50.1	25.8	13.8 E	21.5 B	15.0 B	26
27	50.0 B	17.1 B	50.0 B	84.4	42.2	5.85	5.66	38.1	23.2	13.8 E	33.0 B	31.0 B	27
28	190 B	16.3 B	64.0 B	75.5	32.1	5.92	5.70	41.7	20.9	15.0 E	77.0 B	28.5 B	28
29	150 B		80.0 B	71.8	30.7	7.03	6.78	34.0	19.0	14.9 A	67.0 B	26.7 B	29
30	105 B		90.0 B	67.4	28.0	7.00	6.56	25.4	20.5	14.1	61.0 B	25.0 B	30
31	88.0 B		120 B		24.4		7.23	20.2		13.6		23.5 B	31
TOTAL	942.20	962.7	1 003.3	2 818.9	1 030.7	413.56	232.61	586.68	419.30	566.8	566.70	784.30	TOTAL
MEAN	30.4	34.4	32.4	94.0	33.2	13.8	7.50	18.9	14.0	18.3	18.9	25.3	MEAN
MAX	190	75.0	120	125	67.2	32.1	9.18	56.6	25.8	27.1	77.0	89.0	MAX
MIN	7.80	16.3	10.3	61.7	17.4	5.85	5.57	9.10	7.18	13.6	7.40	7.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.3
MAXIMUM DAILY, 190B ON JAN 28
MINIMUM DAILY, 5.57 ON JUL 26

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 24 N
LONG 66 48 24 W
DRAINAGE AREA, 1 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 400	JUL	20 100
FEB	83 200	AUG	50 700
MAR	86 700	SEP	36 200
APR	244 000	OCT	49 000
MAY	89 100	NOV	49 000
JUN	35 700	DEC	67 800

TOTAL DISCHARGE, 893 000 dam³

MAMOZEKEL RIVER NEAR CAMPBELL RIVER - STATION NO. 01AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.360B	5.20 B	0.540B	15.5 B	15.1	3.64	1.39	2.02	1.70	2.55	2.12	2.00B	1
2	0.369B	5.80 B	0.520B	23.0 B	13.7	4.08	1.23	1.72	1.55	2.34	1.98	2.20B	2
3	0.360B	6.60 B	0.500B	29.4	11.9	3.71	1.06	1.38	1.54	2.12	2.08	2.50B	3
4	0.360B	6.00 B	0.490B	18.4	9.78	3.31	1.21	1.24	1.47	2.02	1.96	2.80B	4
5	0.360B	5.00 B	0.480B	13.9	8.51	3.07	1.64	1.19	1.38	2.33	1.71	3.10B	5
6	0.360B	4.00 B	0.460B	10.7	7.66	2.87	1.76	1.02	1.43	2.21	1.99	2.90B	6
7	0.358B	3.50 B	0.450B	7.93	6.97	2.62	1.37	1.57	1.60	2.11	2.08	2.70B	7
8	0.358B	2.90 B	0.440B	5.91	6.37	2.98	1.20	3.92	1.46	2.07	1.86	2.55B	8
9	0.350B	2.40 B	0.430B	5.17	5.85	3.78	1.05	4.46	1.35	2.03	2.02	2.45B	9
10	0.358B	2.00 B	0.420B	4.53	5.36	3.20	0.971	3.80	1.20	2.02	2.94	2.31B	10
11	0.360B	1.65 B	0.400B	4.43	5.03	2.66	0.874	3.00	1.14	1.85	2.35	2.25B	11
12	0.359B	1.31 B	0.390B	4.88	4.67	2.47	0.825	2.59	2.27	1.76	2.48	2.19B	12
13	0.357B	1.15 B	0.380B	5.78	4.40	2.31	0.811	2.22	3.15	1.74	2.27	2.11B	13
14	0.352B	1.00 B	0.370B	7.24	4.10	2.19	0.803	1.92	2.22	1.78	1.83	2.01B	14
15	0.350B	0.930B	0.365B	9.08	3.91	2.11	1.86	1.74	1.71	1.90	2.88	1.96B	15
16	0.354B	0.840B	0.360B	11.0	3.78	1.91	2.67	1.67	1.53	1.95	2.81	1.90B	16
17	0.360B	0.760B	0.350B	13.9	3.73	2.03	1.70	1.98	1.40	1.78	2.53	1.82B	17
18	0.363B	0.700B	0.450B	15.1	3.70	2.18	1.63	1.95	1.33	1.65	2.30	1.78B	18
19	0.370B	0.640B	0.520B	14.4	3.68	1.96	2.77	2.61	1.24	1.59	2.30B	1.71B	19
20	0.380B	0.700B	0.600B	15.0	4.45	1.77	2.23	2.27	1.20	1.56	2.20B	1.65B	20
21	0.390B	0.780B	0.660B	16.6	5.19	1.58	2.00	1.90	1.10	1.52	2.15B	1.59B	21
22	0.380B	0.740B	0.750B	27.4	7.04	1.43	2.21	2.59	1.06	1.52	2.10B	1.53B	22
23	0.375B	0.700B	0.820B	32.7	7.53	1.36	1.68	2.69	1.11	1.56	2.04B	1.49B	23
24	0.369B	0.670B	0.700B	23.8	7.26	1.33	1.46	2.34	2.17	1.69	2.00B	1.44B	24
25	0.352B	0.650B	0.580B	24.9	6.29	1.27	1.26	3.[illegible]6	3.34	1.64	2.25B	1.40B	25
26	0.560B	0.620B	0.700B	28.2	5.34	1.31	1.11	2.98	4.01	1.55	2.55B	1.48B	26
27	1.00 B	0.600B	0.800B	27.0	4.87	1.29	1.08	2.62	2.85	1.48	2.72B	1.52B	27
28	1.61 B	0.580B	1.20 B	23.5	4.96	1.28	0.986	2.43	2.47	1.46	2.42B	1.48B	28
29	2.40 B		2.00 B	20.6	4.76	1.36	0.876	2.24	2.22	1.50	2.25B	1.42B	29
30	3.35 B		4.00 B	17.4	4.31	1.36	0.818	2.01	2.19	2.06	2.10B	1.39B	30
31	5.00 B		10.5 B		3.88		0.890	1.87		2.55		1.34B	31
TOTAL	22.984	58.420	31.625	477.35	194.09	68.42	43.470	71.10	54.53	57.89	67.27	60.97	TOTAL
MEAN	0.741	2.09	1.02	15.9	6.26	2.28	1.40	2.29	1.82	1.87	2.24	1.97	MEAN
MAX	5.00	6.60	10.5	32.7	15.1	4.08	2.77	4.46	4.01	2.55	2.94	3.10	MAX
MIN	0.350	0.580	0.350	4.43	3.68	1.27	0.803	1.02	1.06	1.46	1.71	1.34	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.31
MAXIMUM DAILY, 32.7 ON APR 23
MINIMUM DAILY, 0.350B ON JAN 9
MAXIMUM INSTANTANEOUS,
39.3 AT 01:35 AST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 03 N
LONG 67 08 32 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 990	JUL	3 760
FEB	5 050	AUG	6 140
MAR	2 730	SEP	4 710
APR	41 200	OCT	5 000
MAY	16 800	NOV	5 810
JUN	5 910	DEC	5 270

TOTAL DISCHARGE, 104 000 dam³

MEDUXNEKEAG RIVER NEAR BELLEVILLE - STATION NO 01AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.69B	71.9	5.50B	147	46.3	30.9	3.70	27.3	10.6	32.1	7.73	35.0B	1
2	4.59B	59.7	5.20B	155	43.3	35.5	3.29	22.9	9.00	27.1	7.95	32.0B	2
3	4.41B	49.7	5.00B	141	39.3	30.6	3.13	16.9	9.00	21.7	7.28	36.0B	3
4	4.36B	41.0 E	4.85B	117	34.4	24.9	2.77	13.6	8.21	20.3	6.65	70.0B	4
5	4.22B	35.0 E	4.65B	92.3	31.0	21.9	2.88	9.78	7.48	22.5	6.41	75.0B	5
6	4.17B	31.9	4.50B	75.0	29.3	18.9	3.09	7.56	7.04	20.1	6.11	58.5	6
7	4.02B	28.6	4.38B	63.8	27.8	15.4	3.55	6.34	7.07	18.5	5.78	52.3	7
8	3.97B	26.2	4.22B	53.4	25.5	16.3	4.74	11.5	6.51	18.9	5.53	43.3	8
9	3.88B	23.2	4.17B	47.6	23.2	23.2	4.36	103	6.08	15.0	6.53	38.0B	9
10	3.80B	21.4	4.03B	44.6	21.1	20.1	3.55	88.4	5.60	13.3	9.35	34.0B	10
11	3.71B	19.3	3.90B	41.6	19.1	16.2	3.12	59.0	6.63	12.1	9.37	28.0B	11
12	3.67B	16.1 B	3.80B	55.4	17.2	13.1	2.84	40.6	23.1	11.0	8.58	26.0B	12
13	3.61B	15.0 B	3.70B	74.3	15.3	11.0	2.61	28.9	36.5	10.2	7.82	23.0B	13
14	3.58B	13.4 B	3.60B	87.4	14.2	10.3	2.70	21.3	27.8	9.95	9.00B	21.0B	14
15	3.55B	12.2 B	3.50B	87.0	13.0	9.73	4.26	15.7	19.0	10.0	9.40B	19.5B	15
16	3.49B	11.2 B	3.40B	88.3	11.9	9.47	6.88	12.6	13.6	9.53	7.60B	18.5B	16
17	3.42B	10.5 B	3.30B	89.4	11.2	10.2	5.71	11.8	10.3	9.42	6.20B	17.2B	17
18	3.39B	9.60B	3.20B	90.4	11.1	8.96	5.15	11.4	9.07	8.78	5.00B	16.0B	18
19	3.33B	5.10B	7.60B	82.3	10.9	7.40	7.88	11.7	7.76	8.42	4.00B	15.0B	19
20	4.40B	8.65B	12.7 B	74.0	11.1	6.34	5.95	11.0	6.74	8.05	7.00B	14.0B	20
21	7.00B	8.20B	15.0 B	69.5	12.1	5.40	4.85	9.82	6.14	7.87	11.0 B	13.0B	21
22	10.0 B	7.80B	14.0 B	100	14.1	4.85	3.86	8.63	5.64	7.48	13.0 B	12.0B	22
23	9.20B	7.30B	13.0 B	127	27.4	4.19	3.25	7.88	6.40	7.54	17.0 B	11.0B	23
24	8.00B	6.90B	12.5 B	103	81.6	4.09	2.72	18.5	17.6	7.79	18.5 B	10.5B	24
25	7.20B	6.55B	12.0 B	88.7	146	3.84	2.34	58.8	21.3	7.52	20.0 B	10.0B	25
26	70.0 B	6.25B	14.0 B	82.3	105	3.67	2.66	43.4	18.5	7.58	18.0 B	11.0B	26
27	270 B	6.00B	22.0 B	77.3	69.1	3.41	7.72	30.7	14.8	6.92	32.0 B	30.0B	27
28	170 B	5.75B	35.0 B	68.1	56.7	4.11	7.38	28.0	11.9	6.95	50.0 B	24.5B	28
29	125		60.0 B	59.6	49.4	4.51	5.17	22.0	9.87	7.19	45.0 B	21.5B	29
30	96.7		76.8	51.9	39.9	4.11	4.03	16.6	15.6	7.40	40.0 B	18.5B	30
31	85.4		110		33.0		7.17	13.6		8.14		17.0B	31
TOTAL	936.76	568.40	479.50	2 534.2	1 090.5	382.38	132.62	789.31	364.84	387.33	407.79	852.3	TOTAL
MEAN	30.2	20.3	15.5	84.5	35.2	12.7	4.28	25.5	12.2	12.5	13.6	27.5	MEAN
MAX	270	71.9	110	155	146	35.5	7.72	103	36.5	32.1	50.0	75.0	MAX
MIN	3.33	5.75	3.20	41.6	10.9	3.41	2.34	6.34	5.60	6.92	4.00	10.0	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.5
MAXIMUM DAILY, 270B ON JAN 27
MINIMUM DAILY, 2.34 ON JUL 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 58 N
LONG 67 43 42 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 900	JUL	11 500
FEB	48 100	AUG	68 200
MAR	41 400	SEP	31 500
APR	219 000	OCT	33 500
MAY	94 200	NOV	35 200
JUN	33 000	DEC	73 800

TOTAL DISCHARGE, 771 000 dam³

MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM - STATION NO. 01AK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015	0.189	0.014	0.348	0.150	0.053	0.011	0.058	0.012	0.085	0.019	0.111	1
2	0.014	0.168	0.013	0.357	0.165	0.181	0.008	0.033	0.012	0.054	0.029	0.092	2
3	0.013	0.114	0.013	0.341	0.137	0.122	0.007	0.030	0.015	0.044	0.030	0.110	3
4	0.011	0.097	0.012	0.304	0.110	0.075	0.007	0.048	0.012	0.077	0.027	0.319	4
5	0.019	0.079	0.012	0.275	0.101	0.067	0.008	0.025	0.009	0.089	0.025	0.230	5
6	0.019	0.069	0.011	0.214	0.104	0.060	0.008	0.014	0.018	0.063	0.022	0.137	6
7	0.015	0.065	0.012	0.185	0.080	0.049	0.009	0.014	0.020	0.059	0.024	0.109	7
8	0.014	0.057	0.013	0.143	0.077	0.141	0.009	0.059	0.014	0.067	0.024	0.090	8
9	0.013	0.050	0.011	0.135	0.068	0.165	0.007	0.054	0.011	0.038	0.045	0.082	9
10	0.013	0.043	0.011	0.123	0.060	0.077	0.005	0.051	0.011	0.041	0.057	0.080	10
11	0.013	0.041	0.011	0.180	0.054	0.061	0.004	0.035	0.044	0.037	0.040	0.073	11
12	0.012	0.037	0.012	0.426	0.047	0.053	0.003	0.032	0.089	0.035	0.035	0.067	12
13	0.012	0.032	0.010	0.381	0.041	0.047	0.003	0.020	0.051	0.033	0.034	0.064	13
14	0.012	0.028	0.010	0.324	0.037	0.047	0.009	0.016	0.030	0.034	0.025	0.056	14
15	0.012	0.026	0.01.	0.330	0.032	0.039	0.054	0.013	0.022	0.046	0.027	0.051	15
16	0.011	0.025	0.013	0.370	0.029	0.034	0.031	0.013	0.020	0.037	0.029	0.048	16
17	0.011	0.022	0.011	0.403	0.030	0.031	0.017	0.014	0.019	0.030	0.029	0.042	17
18	0.013	0.021	0.012	0.386	0.032	0.024	0.038	0.013	0.016	0.027	0.029	0.038	18
19	0.014	0.021	0.021	0.306	0.032	0.014	0.073	0.016	0.015	0.025	0.027	0.036	19
20	0.032	0.020	0.071	0.270	0.029	0.013	0.030	0.015	0.014	0.024	0.023	0.037	20
21	0.052	0.020	0.058	0.249	0.028	0.012	0.022	0.011	0.012	0.022	0.018	0.033	21
22	0.071	0.021	0.038	0.435	0.038	0.012	0.014	0.009	0.011	0.022	0.022	0.031	22
23	0.136	0.019	0.030	0.402	0.078	0.010	0.009	0.008	0.022	0.026	0.026	0.030	23
24	0.169	0.019	0.030	0.620	0.166	0.010	0.006	0.059	0.080	0.030	0.037	0.029	24
25	0.136	0.018	0.026	0.378	0.175	0.009	0.003	0.077	0.089	0.025	0.067	0.031	25
26	0.116	0.018	0.038	0.329	0.094	0.008	0.003	0.035	0.058	0.023	0.057	0.072	26
27	0.183B	0.017	0.102	0.268	0.072	0.007	0.008	0.032	0.041	0.022	0.285	0.053	27
28	0.665B	0.015	0.121	0.218	0.068	0.021	0.023	0.040	0.031	0.026	0.333	0.039	28
29	0.403		0.134	0.189	0.065	0.018	0.020	0.026	0.027	0.024	0.205	0.035	29
30	0.277		0.155	0.163	0.053	0.011	0.013	0.019	0.082	0.023	0.143	0.033	30
31	0.219		0.239		0.055		0.042	0.015		0.021		0.031	31
TOTAL	2.693	1.331	1.281	9.052	2.307	1.471	0.504	0.904	0.907	1.189	1.807	2.287	TOTAL
MEAN	0.087	0.048	0.041	0.302	0.074	0.049	0.016	0.029	0.030	0.038	0.060	0.074	MEAN
MAX	0.665	0.189	0.239	0.620	0.175	0.181	0.073	0.077	0.089	0.089	0.333	0.319	MAX
MIN	0.011	0.015	0.010	0.123	0.028	0.007	0.003	0.008	0.009	0.021	0.018	0.029	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.665B ON JAN 28
MINIMUM DAILY, 0.003 ON JUL 12
MAXIMUM INSTANTANEOUS,
0.780 AT 08:00 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 58 N
LONG 66 44 04 W
DRAINAGE AREA, 5.70 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	233	JUL	43.5
FEB	115	AUG	78.1
MAR	111	SEP	78.4
APR	782	OCT	103
MAY	199	NOV	156
JUN	127	DEC	193

TOTAL DISCHARGE, 2 220 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTH NASHWAAKSIS STREAM AT SANDWITH'S FARM" TO 1985

MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD - STATION NO. 01AK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.067	0.966B	0.059	2.70 B	0.730	0.289	0.040	0.265	0.066	0.478	0.083	0.850B	1
2	0.066	0.771B	0.055	2.79 B	0.834	1.13	0.031	0.164	0.058	0.309	0.145	0.780B	2
3	0.061	0.605B	0.054	2.62 B	0.719	0.825	0.027	0.152	0.076	0.229	0.159	0.660B	3
4	0.062	0.525B	0.048	2.30 B	0.584	0.496	0.035A	0.269	0.055	0.370	0.144	2.31	4
5	0.064	0.435B	0.046	2.00	0.523	0.387	0.031E	0.143	0.047	0.451	0.154	1.40	5
6	0.071	0.387B	0.047	1.67	0.515	0.321	0.029E	0.081	0.118	0.322	0.145B	0.911B	6
7	0.065	0.371B	0.049	1.19	0.464	0.237	0.035E	0.075	0.111	0.282	0.118	0.654B	7
8	0.055	0.331B	0.045	0.916	0.393	0.614	0.032E	0.430	0.078	0.232	0.119	0.523B	8
9	0.057	0.296B	0.038	1.00	0.342	1.03	0.026E	0.373	0.064	0.190	0.251	0.421B	9
10	0.058	0.258B	0.038B	1.07	0.302	0.540	0.019E	0.276	0.061	0.176	0.336	0.354B	10
11	0.053	0.245B	0.038B	1.42	0.266	0.378	0.017E	0.193	0.267	0.158	0.233B	0.313B	11
12	0.055	0.226	0.042B	3.30	0.238	0.282	0.014E	0.174	0.502	0.143	0.195	0.293B	12
13	0.054	0.170	0.034B	3.13	0.211	0.237	0.013E	0.108	0.326	0.133	0.181	0.276B	13
14	0.055	0.142B	0.037B	2.58	0.191	0.243	0.035E	0.081	0.181	0.138	0.188B	0.257B	14
15	0.055	0.132B	0.039	2.43	0.171	0.182	0.272E	0.061	0.132	0.202	0.160	0.241B	15
16	0.055	0.118B	0.039	2.62	0.180	0.159	0.140E	0.058	0.105	0.161	0.138	0.221B	16
17	0.050	0.108B	0.039	2.96	0.160	0.140	0.085E	0.064	0.086	0.144	0.133	0.207B	17
18	0.053	0.103	0.043	2.56	0.168	0.107	0.182E	0.059	0.078	0.125	0.125	0.188	18
19	0.055	0.102B	0.140B	1.94	0.161	0.090	0.500E	0.067	0.071	0.113	0.117B	0.182	19
20	0.100B	0.089B	0.490B	1.66	0.167	0.074	0.140E	0.063	0.065	0.096	0.112B	0.175	20
21	0.250B	0.102B	0.390B	1.52	0.152	0.085	0.107E	0.049	0.056	0.091	0.104	0.163	21
22	0.334B	0.096B	0.310B	2.88	0.234	0.056	0.064E	0.041	0.048	0.091	0.140	0.151	22
23	0.541B	0.093B	0.279	2.88	0.476	0.047	0.029E	0.031	0.084	0.104	0.143	0.146	23
24	0.702B	0.090B	0.242	3.64	1.12	0.044	0.026E	0.354	0.362	0.122	0.300B	0.138	24
25	0.541B	0.087B	0.206	2.24	1.32	0.039	0.023A	0.463	0.449	0.107	0.450B	0.156	25
26	0.537B	0.080B	0.570	1.92	0.724	0.035	0.022	0.234	0.314	0.095	0.385B	0.495B	26
27	0.862B	0.074	0.570B	1.54	0.488	0.029	0.036	0.228	0.209	0.083	2.55 B	0.375B	27
28	3.13 B	0.063	0.820B	1.23	0.415	0.096	0.087	0.282	0.151	0.122	1.96	0.299	28
29	1.84 B		1.00 B	1.02	0.356	0.068	0.080	0.175	0.121	0.116	1.31	0.242	29
30	1.36 B		1.60 B	0.844	0.292	0.047	0.055	0.118	0.415	0.108	0.982	0.198	30
31	1.10 B		2.05 B		0.307		0.186	0.088		0.094		0.182	31
TOTAL	12.719	7.077	9.359	62.280	13.181	8.517	2.438	5.220	4.767	5.605	11.540	13.781	TOTAL
MEAN	0.410	0.253	0.302	2.08	0.426	0.284	0.079	0.168	0.159	0.181	0.385	0.444	MEAN
MAX	3.13	0.966	2.05	3.64	1.32	1.13	0.500	0.463	0.502	0.478	2.55	2.31	MAX
MIN	0.050	0.063	0.034	0.844	0.167	0.029	0.013	0.031	0.047	0.081	0.083	0.138	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.439
MAXIMUM DAILY, 3.64 ON APR 24
MINIMUM DAILY, 0.013E ON JUL 13
MAXIMUM INSTANTANEOUS,
4.44 AT 02:30 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 06 N
LONG 66 42 05 W
DRAINAGE AREA, 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 100	JUL	211
FEB	611	AUG	451
MAR	809	SEP	412
APR	5 380	OCT	484
MAY	1 140	NOV	997
JUN	736	DEC	1 190

TOTAL DISCHARGE, 13 600 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTH NASHWAAKSIS STREAM NEAR ROYAL ROAD" TO 1985

MIDDLE RIVER NEAR BATHURST - STATION NO 01BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	8.80B	0.980B	2.40B	23.9	2.83	0.621	1.56	1.41	2.48	2.01	0.870B	1
2	0.560B	7.40B	0.920B	2.90B	24.4	3.82	0.579	1.81	1.41	2.24	1.77	0.830B	2
3	0.530B	6.40B	0.870B	3.70B	18.5	3.18	0.510	1.33	1.42	1.96	1.54	0.820B	3
4	0.500B	5.60B	0.840B	6.50B	14.5	2.68	0.523	0.987	1.44	1.95	1.29	1.50 B	4
5	0.495B	4.90B	0.810B	11.1 B	11.6	2.29	0.563	0.773	1.30	2.54	0.980B	2.70 B	5
6	0.520B	4.27B	0.780B	9.60B	10.1	2.06	0.577	0.606	1.36	2.31	0.900B	2.15 B	6
7	0.535B	3.90B	0.760B	8.40B	9.18	1.82	0.502	0.798	1.59	2.04	0.830B	1.70 B	7
8	0.550B	3.60B	0.740B	7.40B	8.32	2.77	0.467	8.42	1.40	1.85	0.780B	1.50 B	8
9	0.560B	3.30B	0.720B	6.80B	7.47	3.84	0.451	7.62	1.22	1.69	1.20 B	1.30 B	9
10	0.574B	2.90B	0.690B	6.30B	6.70	2.77	0.417	5.63	1.04	1.57	1.68 B	1.18 B	10
11	0.583B	2.60B	0.660B	5.80B	6.08	2.12	0.404	3.40	0.951	1.46	1.20 B	1.06 B	11
12	0.590B	2.30B	0.645B	6.60B	5.62	1.74	0.392	2.55	2.72	1.37	1.33 B	0.990B	12
13	0.578B	2.10B	0.657B	7.50B	4.80	1.48	0.369	1.87	4.90	1.37	1.23 B	0.940B	13
14	0.562B	1.95B	0.630B	8.60B	4.48	1.41	0.364	1.38	2.88	1.33	1.16 B	0.900B	14
15	0.550B	1.85B	0.615B	11.1 B	4.24	1.32	0.757	1.09	7.09	1.33	1.09 B	0.860B	15
16	0.525B	1.76B	0.595B	13.5 B	3.85	1.14	1.66	1.01	1.63	1.30	1.13 B	0.840B	16
17	0.500B	1.67B	0.580B	15.1 B	3.53	1.01	1.37	1.32	1.32	1.27	1.14 B	0.820B	17
18	0.520B	1.59B	0.600B	14.8 B	3.32	0.981	1.09	1.30	1.20	1.20	1.02 B	0.797B	18
19	0.560B	1.53B	0.680B	13.7 B	3.08	0.881	2.27	2.98	1.15	1.16	0.860B	0.780B	19
20	0.650B	1.47B	0.760B	12.4 B	5.61	0.842	1.46	3.46	0.977	1.08	0.592	0.765B	20
21	0.960B	1.40B	1.06 B	14.0 B	8.74	0.752	1.06	2.86	0.932	1.06	0.455	0.750B	21
22	1.15 B	1.36B	0.980B	18.0 B	13.0	0.687	0.952	2.22	0.890	1.09	0.500B	0.740B	22
23	1.70 B	1.31B	0.930B	30.5 B	13.0	0.657	0.784	1.74	0.846	1.16	0.600B	0.730B	23
24	2.05 B	1.26B	0.940B	31.0 B	9.33	0.610	0.608	1.38	1.49	1.61	0.760B	0.720B	24
25	1.80 B	1.20B	0.900B	31.5 B	7.41	0.574	0.516	1.41	3.89	1.68	0.920B	0.715B	25
26	1.65 B	1.15B	0.840B	32.0 B	5.57	0.555	0.417	1.38	5.85	1.56	1.07 B	0.740B	26
27	1.60 B	1.10B	0.860B	32.5 B	4.57	0.547	0.393	1.33	3.85	1.21	1.02 B	0.780B	27
28	3.00 B	1.04B	1.15 B	32.5 B	4.10	0.539	0.386	1.45	2.80	1.32	0.970B	0.780B	28
29	6.00 B		1.40 B	32.3	3.90	0.591	0.377	1.40	2.30	1.38	0.930B	0.765B	29
30	11.1 B		1.55 B	24.3	3.49	0.587	0.365	1.44	2.07	1.83	0.910B	0.755B	30
31	10.1 B		1.95 B		3.02		0.502	1.47		2.35		0.740B	31
TOTAL	52.132	79.81	27.092	453.00	256.41	47.083	21.706	63.574	58.406	49.75	31.867	31.527	TOTAL
MEAN	1.68	2.85	0.874	15.1	8.27	1.57	0.700	2.06	1.95	1.60	1.06	1.02	MEAN
MAX	11.1	8.80	1.95	32.5	24.4	3.84	2.27	7.62	5.85	2.54	2.01	2.70	MAX
MIN	0.495	1.04	0.580	2.40	3.02	0.539	0.364	0.606	0.846	1.06	0.455	0.715	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 32.5B ON APR 27
MINIMUM DAILY, 0.364 ON JUL 14
MAXIMUM INSTANTANEOUS,
35.8 AT 04:08 AST ON APR 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 30 N
LONG 65 47 23 W
DRAINAGE AREA, 190 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 500	JUL	1 880
FEB	6 900	AUG	5 530
MAR	2 340	SEP	5 050
APR	39 100	OCT	4 300
MAY	22 200	NOV	2 750
JUN	4 070	DEC	2 720

TOTAL DISCHARGE, 101 000 dam³

NACKAWIC STREAM NEAR TEMPERANCE VALE - STATION NO 01AK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420B	5.10 B	0.300B	31.5 A	7.32	2.54	0.169	1.75	1.12	8.11	1.10	6.80B	1
2	0.380B	4.35 B	0.250B	32.5 A	7.66	5.08	0.133	2.30	0.890	6.85A	1.44	7.80B	2
3	0.350B	3.80 B	0.200B	31.5 A	7.44	4.87	0.113	2.11	0.875	5.48E	1.61	9.00B	3
4	0.345B	3.35 B	0.200B	24.3 A	5.91	3.31	0.118	1.78	0.687	5.13E	1.56	18.5	4
5	0.330B	3.00 B	0.200B	19.4 A	4.79	2.42	0.146	1.17	0.573	6.50E	1.59	16.9	5
6	0.335B	2.75 B	0.200B	15.5 A	4.46	1.94	0.230	0.730	0.897	5.25A	1.39	14.9	6
7	0.340B	2.50 B	0.200B	11.5 A	4.25	1.43	0.400	0.539	0.869	4.75	1.41	11.9	7
8	0.340B	2.35 B	0.200B	8.81	3.85	1.92	0.380	1.84	0.801	4.05	1.27	8.00B	8
9	0.343B	2.24 B	0.180B	7.46	3.33	4.15	0.299	13.8	0.684	3.39	1.78	4.50B	9
10	0.340B	2.11 B	0.180B	7.46	2.83	3.27	0.240	25.0	0.624	2.79	2.79	3.75B	10
11	0.335B	2.06 B	0.250B	8.22	2.39	2.14	0.194	14.6	1.21	2.29	2.58	3.10B	11
12	0.310B	1.95 B	0.250B	16.1	2.09	1.45	0.156	8.62	6.67	1.99	2.18	2.80B	12
13	0.290B	1.75 B	0.260B	23.2	1.82	1.10	0.127	5.47	12.9	1.77	1.87	2.55B	13
14	0.270B	1.60 B	0.270B	26.3	1.55	0.950	0.148	3.39	9.65	1.70	1.30B	2.35B	14
15	0.250B	1.45 B	0.260B	23.6	1.34	0.797	0.436	2.04	5.53	2.05	1.25B	2.15B	15
16	0.240B	1.35 B	0.265B	22.9	1.20	0.649	0.566	1.67	3.34	1.81	1.20B	2.10B	16
17	0.220B	1.21 B	0.276A	24.0	1.14	0.623	0.454	2.03	2.25	1.58	1.19B	2.00B	17
18	0.205B	1.11 B	0.280B	22.8	1.21	0.484	1.20	1.81	1.59	1.40	1.18	1.93B	18
19	0.200B	1.01 B	0.400B	19.1	1.20	0.369	1.41	1.90	1.26	1.28	1.17B	1.88B	19
20	0.400B	0.950B	2.00 B	14.7	1.07	0.318	1.15	1.87	1.07	1.20	1.16B	1.82B	20
21	7.00 B	0.820B	2.90 B	12.8	1.03	0.277	0.945	1.49	0.896	1.12	1.15B	1.76B	21
22	10.0 B	0.770B	2.35 B	26.8	1.09	0.238	0.671	1.12	0.735	1.03	1.14B	1.70B	22
23	11.0 B	0.650B	2.10 B	34.7	1.80	0.199	0.424	0.804	0.959	1.10	3.00B	1.65B	23
24	9.70 B	0.590B	1.70 B	40.1	4.67	0.163	0.297	2.12	3.42	1.23	4.00B	1.60B	24
25	8.50 B	0.520B	1.40 B	27.3	9.83	0.142	0.222	5.95	6.21	1.21	5.00B	1.56B	25
26	7.70 B	0.420B	4.00 B	19.8	7.70	0.139	0.198	4.95	5.38 A	1.13	4.40B	2.80B	26
27	32.4 B	0.379B	10.0 B	15.8	4.85	0.115	0.282	3.90	3.63 E	1.09	9.00B	2.50B	27
28	40.2	0.340B	7.80 B	12.5	4.03	0.342	0.491	5.18	2.92 E	1.13	12.4	2.20B	28
29	28.5		39.0 B	10.1	3.63	0.300	0.459	4.06	2.42 E	1.13	11.7	2.04B	29
30	10.0 B		35.5 B	8.94	2.80	0.126	0.337	2.64	3.83 A	1.18	9.60B	1.87B	30
31	6.50 B		33.0 B		2.49		0.506	1.67		1.18		1.79B	31
TOTAL	177.743	50.479	146.371	599.69	110.87	41.949	12.901	128.302	82.890	81.90	92.41	148.20	TOTAL
MEAN	5.73	1.80	4.72	20.0	3.58	1.40	0.416	4.14	2.76	2.64	3.08	4.78	MEAN
MAX	40.2	5.10	39.0	40.1	9.83	5.08	1.41	25.0	12.9	8.11	12.4	18.5	MAX
MIN	0.200	0.340	0.180	7.46	1.03	0.115	0.113	0.539	0.573	1.03	1.10	1.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.59
MAXIMUM DAILY, 40.2 ON JAN 28
MINIMUM DAILY, 0.113 ON JUL 3
MAXIMUM INSTANTANEOUS,
61.3 AT 10:30 AST ON JAN 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 57 N
LONG 67 14 25 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 400	JUL	1 110
FEB	4 360	AUG	11 100
MAR	12 600	SEP	7 160
APR	51 800	OCT	7 080
MAY	9 580	NOV	7 980
JUN	3 620	DEC	12 800

TOTAL DISCHARGE, 146 000 dam³

REMARKS - PUBLISHED AS "NACKAWIC RIVER AT TEMPERANCE VALE" TO 1980 AND AS "NACKAWIC RIVER NEAR TEMPERANCE VALE" TO 1985

NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013	0.150B	0.025	0.580B	0.130	0.101	0.017	0.077	0.044	0.148	0.037	0.085	1
2	0.012	0.112B	0.025	0.490B	0.169	0.131	0.014	0.041	0.038	0.098	0.054	0.085	2
3	0.011	0.096B	0.025	0.410B	0.134	0.080	0.015	0.039	0.043	0.084	0.046	0.142	3
4	0.011	0.086B	0.022	0.350B	0.094	0.056	0.014	0.035	0.037	0.163	0.046	0.245B	4
5	0.010	0.083	0.024	0.300	0.086	0.046	0.027	0.025	0.033	0.146	0.044	0.170B	5
6	0.010	0.074	0.024	0.248	0.090	0.040	0.020	0.020	0.083	0.103	0.037	0.142	6
7	0.011	0.065	0.023	0.196	0.087	0.035	0.021	0.040	0.060	0.094	0.035	0.120	7
8	0.012	0.058	0.022	0.170	0.075	0.120	0.022	0.170	0.040	0.080	0.040	0.100	8
9	0.011	0.052	0.020	0.144	0.060	0.114	0.014	0.475	0.037	0.074	0.090	0.087B	9
10	0.011	0.047	0.020	0.118	0.056	0.051	0.012	0.186	0.034	0.069	0.100	0.080B	10
11	0.011	0.041	0.021	0.145	0.053	0.037	0.011	0.127	0.201	0.060	0.055	0.076	11
12	0.010	0.042	0.023	0.236	0.047	0.034	0.010	0.100	0.605	0.059	0.051	0.068	12
13	0.010	0.040	0.019	0.283	0.046	0.033	0.009	0.066	0.302	0.060	0.046	0.063	13
14	0.010	0.037	0.020	0.361	0.045	0.038	0.037	0.053	0.156	0.060	0.038	0.056	14
15	0.010	0.036	0.021	0.400	0.045	0.031	0.137	0.044	0.113	0.078	0.043	0.058	15
16	0.009	0.035	0.019	0.451	0.043	0.031	0.048	0.111	0.102	0.059	0.041	0.053	16
17	0.008	0.033	0.021	0.463	0.045	0.032	0.026	0.102	0.086	0.052	0.040	0.049	17
18	0.008	0.029	0.026	0.400	0.043	0.025	0.189	0.063	0.073	0.047	0.040	0.045	18
19	0.009	0.028	0.048	0.286	0.038	0.027	0.178	0.098	0.066	0.047	0.033	0.047	19
20	0.025B	0.029	0.064B	0.241	0.036	0.022	0.052	0.065	0.058	0.044	0.034	0.045	20
21	0.049B	0.028	0.051B	0.212	0.041	0.017	0.035	0.045	0.053	0.042	0.032	0.044	21
22	0.041B	0.028	0.039	0.553	0.058	0.017	0.025	0.038	0.050	0.040	0.035	0.041	22
23	0.032B	0.030	0.039	0.376	0.085	0.015	0.017	0.033	0.111	0.062	0.034	0.042	23
24	0.022	0.029	0.036	0.448	0.241	0.015	0.016	0.167	0.208	0.058	0.053	0.042	24
25	0.019	0.027	0.035	0.307	0.203	0.015	0.018	0.133	0.131	0.048	0.110	0.038	25
26	0.019	0.026	0.057	0.285	0.112	0.014	0.039	0.068	0.092	0.043	0.055	0.102	26
27	0.180B	0.025	0.181	0.276	0.091	0.013	0.048	0.123	0.073	0.040	0.255B	0.049	27
28	0.300B	0.025	0.205	0.210	0.087	0.064	0.030	0.130	0.055	0.043	0.214	0.041	28
29	0.520B		0.136	0.171	0.084	0.030	0.024	0.073	0.052	0.042	0.138	0.037	29
30	0.310B		0.254	0.143	0.070	0.021	0.019	0.056	0.191	0.044	0.098	0.038	30
31	0.220B		0.700B		0.065		0.055	0.050		0.040		0.037	31
TOTAL	1.934	1.391	2.245	9.253	2.559	1.305	1.199	2.853	3.227	2.127	1.977	2.325	TOTAL
MEAN	0.062	0.050	0.072	0.308	0.083	0.044	0.039	0.092	0.108	0.069	0.066	0.075	MEAN
MAX	0.520	0.150	0.700	0.580	0.241	0.131	0.189	0.475	0.605	0.163	0.255	0.245	MAX
MIN	0.008	0.025	0.019	0.118	0.036	0.013	0.009	0.020	0.033	0.040	0.032	0.037	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 0.700B ON MAR 31
MINIMUM DAILY, 0.008 ON JAN 17
MAXIMUM INSTANTANEOUS,
0.952 AT 12:08 AST ON SEP 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 36 N
LONG 67 01 17 W
DRAINAGE AREA 3.89 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	167	JUL	104
FEB	120	AUG	246
MAR	194	SEP	279
APR	799	OCT	184
MAY	221	NOV	171
JUN	113	DEC	201

TOTAL DISCHARGE 2 800 dam³

NASHWAAK RIVER AT DURHAM BRIDGE - STATION NO. 01AL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.10B	72.0B	10.3 B	74.0B	87.9	22.8	8.24	22.1	13.5	46.0	12.7	13.8B	1
2	9.00B	58.0B	10.4 B	92.0B	80.1	46.2	8.53	18.8	12.8	33.6	13.0	12.0B	2
3	8.79B	46.0B	10.2 B	140 B	72.8	40.4	7.69	16.0	12.2	25.5	14.4	19.0B	3
4	8.60B	42.0B	9.70B	121 B	60.7	28.8	7.23	16.5	11.8	25.1	12.9 B	30.0B	4
5	8.45B	35.0B	9.50B	108 B	53.6	24.9	7.57	13.8	10.8	33.5	11.7 B	56.0B	5
6	8.30B	31.0B	9.30B	92.0B	50.2	22.9	8.30	11.2	12.1	26.9	11.1	44.0B	6
7	8.15B	27.5B	9.10B	82.5	45.6	19.6	8.17	9.49	14.2	25.0	13.7	36.0B	7
8	8.00B	25.0B	9.00B	65.5	40.9	24.3	8.02	22.9	12.8	23.1	12.5	30.0B	8
9	7.80B	22.5B	8.90B	57.8	36.7	42.5	7.70	77.6	11.1	20.3	14.2	27.0B	9
10	7.65B	21.0B	8.80B	53.8	33.1	29.2	6.72	86.5	10.4	19.2	23.6	31.5B	10
11	7.50B	20.0B	8.65B	56.0	31.0	22.0	6.05	46.8	13.5	18.1	19.3	28.5B	11
12	7.35B	19.0B	8.50B	80.2	28.5	19.0	5.51	35.0	86.3	17.4	16.2	27.0B	12
13	7.20B	18.3B	8.40B	109	25.7	17.0	5.22	25.9	81.5	16.9	14.6	25.5B	13
14	7.12B	17.6B	8.30B	114	23.0	16.4	6.07	20.1	45.3	16.2	10.5	24.0B	14
15	7.07B	16.8B	8.60B	114	21.6	15.8	20.8	17.2	30.3	18.4	11.5	26.5B	15
16	7.02B	16.0B	9.00B	129	20.4	14.4	21.9	16.2	23.1	17.9	15.2	24.2B	16
17	6.98B	15.5B	9.80B	148	19.7	15.0	14.1	27.6	19.2	16.1	13.9	23.1B	17
18	6.94B	15.0B	9.30B	157	19.5	16.0	18.9	21.8	17.2	15.1	13.0	22.0B	18
19	6.90B	14.5B	8.40B	135	19.1	13.5	33.8	20.9	16.0	14.5	11.6 B	21.0B	19
20	12.0 B	14.0B	10.0 B	123	18.2	12.4	20.7	22.3	15.3	14.0	10.7 B	20.0B	20
21	30.0 B	13.5B	20.3 B	121	17.8	11.5	14.0	18.2	14.2	13.5	9.80B	19.2B	21
22	44.0 B	13.0B	18.0 B	176	19.3	10.8	10.9	15.5	13.4	13.4	12.0 B	18.4B	22
23	57.0 B	12.6B	16.5 B	224	28.1	9.95	8.55	13.8	14.5	13.7	16.6 B	21.0B	23
24	46.0 B	12.1B	15.3 B	244	47.3	9.42	7.49	17.4	43.1	15.8	22.6 B	20.0B	24
25	36.0 B	11.7B	14.7 B	211	72.4	8.99	6.40	43.5	41.4	15.1	19.2 B	18.0B	25
26	31.0 B	11.3B	13.5 B	184	49.0	8.68	6.70	27.8	33.0	13.7	24.0 B	19.0B	26
27	36.0 B	10.9B	46.0 B	170	36.3	8.12	26.5	20.3	24.7	13.4	31.0 B	21.0B	27
28	120 B	10.4B	52.0 B	148	30.6	11.0	19.4	28.0	20.4	13.6	25.0 B	19.8B	28
29	140 B		51.0 B	125	28.8	12.8	14.7	21.8	17.9	13.7	18.8 B	18.7B	29
30	118 B		56.0 B	104	26.2	10.4	11.8	17.0	25.0	13.3	16.0 B	17.5B	30
31	90.0 B		64.0 B		23.0		12.7	14.7		13.3		17.0B	31
TOTAL	907.92	544.2	551.45	3 768.8	1 168.1	564.76	371.36	786.89	717.0	595.3	471.20	750.7	TOTAL
MEAN	29.3	23.0	17.8	126	37.7	18.8	12.0	25.4	23.9	19.2	15.7	24.2	MEAN
MAX	140	72.0	64.0	244	87.9	46.2	33.8	86.5	86.3	46.0	31.0	56.0	MAX
MIN	6.90	10.4	8.30	53.8	17.8	8.12	5.22	9.49	10.4	13.3	9.80	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.0
MAXIMUM DAILY, 244 ON APR 24
MINIMUM DAILY, 5.22 ON JUL 13
MAXIMUM INSTANTANEOUS,
263 AT 04:00 AST ON APR 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 07 33 N
LONG 66 36 44 W
DRAINAGE AREA, 1 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 400	JUL	32 100
FEB	55 700	AUG	68 000
MAR	47 600	SEP	61 900
APR	326 000	OCT	51 400
MAY	101 000	NOV	40 700
JUN	48 800	DEC	64 800

TOTAL DISCHARGE, 977 000 dam³

NASHWAAK RIVER AT STANLEY - STATION NO. 01AL008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.50B	31.0 B	4.50B	36.0B	37.0	10.0	4.59	12.1	7.57	25.5	7.33	6.70B	1
2	4.40B	25.0 B	4.50B	49.0B	34.8	17.2	4.12	10.4	7.02	18.1	7.22	6.20B	2
3	4.34B	21.0 B	4.40B	42.0B	32.0	14.2	3.66	8.76	6.83	14.3	8.04	9.40B	3
4	4.20B	17.5 B	4.35B	38.0B	26.5	10.5	3.51	7.88	6.59	14.1	8.15	12.0 B	4
5	4.12B	15.5 B	4.25B	34.5B	23.2	9.86	3.81	6.61	6.06	17.7	7.30B	29.0 B	5
6	4.00B	13.7 B	4.15B	31.1	21.9	9.31	4.16	5.10	7.53	14.9	5.75	25.0 B	6
7	3.92B	12.3 B	4.05B	26.3	20.0	7.58	4.18	4.83	8.33	14.3	7.43	16.0 B	7
8	3.83B	10.9 B	3.95B	22.7	18.5	9.64	4.08	14.7	7.35	12.8	6.48	13.0 B	8
9	3.74B	10.0 B	3.87B	20.7	16.6	18.8	4.03	69.2	6.39	11.2	8.13	11.2 B	9
10	3.65B	9.60B	3.81B	19.1	15.1	12.1	3.72	47.2	6.01	10.7	14.0	13.7 B	10
11	3.58B	8.90B	3.75B	20.2	14.0	9.17	3.42	25.1	12.4	9.72	10.8	13.0 B	11
12	3.51B	8.40B	3.71B	32.8	13.3	7.91	3.17	19.4	61.5	9.74	9.05	12.1 B	12
13	3.43B	8.10B	3.69B	39.1	12.2	7.29	2.55	15.0	49.1	9.58	8.09	11.3 B	13
14	3.37B	7.80B	3.70B	40.9	11.0	7.49	3.39	11.3	25.9	9.59	3.79	10.7 B	14
15	3.29B	7.50B	3.75B	43.2	10.3	6.96	13.5	9.55	16.9	9.68	7.17	11.9 B	15
16	3.21B	7.20B	4.05B	49.4	9.62	6.42	11.9	11.3	13.7	9.64	9.83	10.4 B	16
17	3.15B	6.95B	4.00B	57.8	9.36	8.50	7.04	16.5	12.0	9.16	8.70	10.0 B	17
18	3.18B	6.70B	4.04B	61.9	9.44	8.13	14.2	13.0	10.7	8.55	8.13	9.70B	18
19	3.30B	6.50B	3.80B	55.0	9.56	6.67	24.7	12.8	10.1	8.15	7.30B	9.40B	19
20	4.60B	6.25B	4.80B	52.8	9.14	6.02	13.1	12.9	9.58	7.63	6.80B	9.20B	20
21	10.0 B	6.00B	9.00B	53.9	9.22	5.39	7.49	10.1	9.17	7.23	6.30B	9.00B	21
22	20.0 B	5.80B	8.40B	105	9.30	5.20	6.02	9.19	8.52	7.66	6.00B	8.70B	22
23	23.5 B	5.60B	7.60B	109	13.2	4.49	4.94	8.36	9.84	7.79	9.00B	9.80B	23
24	22.0 B	5.40B	6.90B	109	20.6	4.18	4.17	11.6	24.0	8.76	12.7 B	9.30B	24
25	18.0 B	5.20B	6.20B	85.0	29.9	3.90	3.80	22.8	21.2	8.46	10.2 B	8.60B	25
26	15.0 B	5.00B	5.40B	78.0	19.4	3.85	5.87	15.1	16.5	7.57	13.3 B	8.80B	26
27	25.0 B	4.85B	7.40B	74.4	14.2	3.95	17.0	12.0	12.5	7.21	17.0 B	9.30B	27
28	68.0 B	4.65B	19.0 B	63.5	12.3	5.81	10.3	16.3	10.7	7.01	12.0 B	8.70B	28
29	56.0 B		22.0 B	52.9	12.1	6.91	7.53	12.3	9.69	7.33	8.80B	8.20B	29
30	49.0 B		25.0 B	43.7	11.2	5.42	8.99	9.79	15.4	7.29	7.50B	7.80B	30
31	38.0 B		29.0 B		9.79		8.81	8.72		7.45		7.50B	31
TOTAL	419.82	283.30	227.02	1 546.9	514.73	242.85	216.55	469.89	429.08	328.80	262.29	345.60	TOTAL
MEAN	13.5	10.1	7.32	51.6	16.6	8.10	6.99	15.2	14.3	10.6	8.74	11.1	MEAN
MAX	68.0	31.0	29.0	109	37.0	18.8	24.7	69.2	61.5	25.5	17.0	29.0	MAX
MIN	3.15	4.65	3.69	19.1	9.14	3.85	2.55	4.83	6.01	7.01	3.79	6.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 109 ON APR 23
MINIMUM DAILY, 2.55 ON JUL 13
MAXIMUM INSTANTANEOUS,
152 AT 23:16 AST ON APR 22

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 59 N
LONG 66 44 15 W
DRAINAGE AREA, 641 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 300	JUL	18 700
FEB	24 500	AUG	40 600
MAR	19 600	SEP	37 100
APR	134 000	OCT	28 400
MAY	44 500	NOV	22 700
JUN	21 000	DEC	29 900

TOTAL DISCHARGE, 457 000 dam^3

NEPISIGUIT RIVER AT NEPISIGUIT FALLS - STATION NO. 01BK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1	32.6	12.7	38.2	185	40.5	17.0	17.0	21.8	19.3	16.0	12.7	1
2	9.77	32.3	12.7	59.0	184	45.0	16.7	16.8	20.4	18.7	15.9	12.0	2
3	9.77	34.0	12.6	84.1	165	39.6	14.7	15.6	19.8	17.0	21.0	12.9	3
4	8.50	31.9	12.2	70.1	132	36.4	15.3	14.0	19.3	17.0	14.3	16.4	4
5	7.93	29.0	11.6	64.3	116	34.8	16.7	11.9	19.3	19.0	10.9	21.1	5
6	8.07	28.0	11.9	57.5	112	32.3	17.1	11.3	18.7	17.8	9.63	18.7	6
7	9.49	26.1	11.6	55.8	108	30.3	14.7	19.8	19.3	17.0	13.6	17.0	7
8	9.29	25.2	11.3	46.7	108	34.8	14.7	29.4	18.1	16.4	15.6	15.0	8
9	9.29	23.1	11.3	38.2	86.7	35.5	14.2	36.8	17.6	16.6	15.3	14.4	9
10	9.63	20.7	10.6	34.5	80.4	35.4	12.5	31.7	16.7	16.1	18.7	13.5	10
11	9.49	20.4	10.5	36.4	72.9	28.5	12.0	26.3	16.1	15.3	12.8	13.9	11
12	9.63	19.8	10.6	39.9	61.3	23.4	11.2	23.2	30.0	15.0	12.6	13.6	12
13	9.34	19.3	10.6	40.5	56.4	26.9	11.3	21.0	31.6	11.6	16.1	13.2	13
14	9.49	18.7	10.6	42.6	54.7	24.4	11.0	19.1	22.4	11.8	3.96	12.3	14
15	9.06	17.6	10.5	43.6	52.7	22.7	19.5	17.0	19.3	10.6	7.36	12.2	15
16	8.64	17.3	10.3	49.1	52.7	23.2	25.2	18.1	17.0	16.4	14.2	12.2	16
17	8.50	16.6	10.6	57.2	51.3	23.2	18.7	21.2	16.7	15.6	14.7	13.6	17
18	8.50	16.3	10.6	68.0	52.7	23.5	17.3	20.1	16.1	15.6	13.6	12.5	18
19	8.64	14.4	11.0	76.8	48.0	20.1	20.4	24.9	15.9	15.4	7.93	13.3	19
20	9.20	14.7	12.7	75.6	54.9	20.4	17.3	24.4	15.6	15.3	6.51	13.4	20
21	11.2	14.2	13.0	88.3	58.0	18.4	17.0	21.8	15.7	15.3	7.08	12.9	21
22	12.7	14.4	11.3	127	58.6	18.1	16.4	19.5	12.0	14.4	4.25	11.9	22
23	11.6	14.7	11.0	133	62.3	17.3	14.7	18.7	13.3	14.4	6.80	11.6	23
24	11.6	14.6	11.3	139	61.7	17.0	14.4	20.1	20.0	16.1	10.3	12.7	24
25	10.9	14.3	10.9	174	60.9	17.4	11.5	32.0	25.5	16.0	15.9	11.8	25
26	10.9	14.3	11.0	191	60.6	16.7	11.2	37.0	25.3	15.3	16.7	11.9	26
27	12.6	13.9	17.0	200	59.0	16.7	11.2	31.1	21.9	15.0	15.9	12.9	27
28	26.8	12.7	20.4	213	47.4	16.1	11.2	28.9	19.7	15.0	15.6	12.5	28
29	32.3		18.1	201	45.0	17.6	10.5	28.6	17.6	15.4	15.3	11.9	29
30	33.0		20.4	186	44.2	17.0	11.3	23.1	18.1	15.9	14.4	10.6	30
31	34.3		27.5		39.2		14.3	22.7		17.8		10.6	31
TOTAL	390.23	571.1	398.4	2 730.4	2 431.6	773.6	461.2	701.1	580.8	488.1	382.92	415.2	TOTAL
MEAN	12.6	20.4	12.9	91.0	78.4	25.8	14.9	22.6	19.4	15.7	12.8	13.4	MEAN
MAX	34.3	34.0	27.5	213	185	45.0	25.2	37.0	31.6	19.3	21.0	21.1	MAX
MIN	7.93	12.7	10.3	34.5	39.2	16.1	10.5	11.3	12.0	10.6	3.96	10.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.3
MAXIMUM DAILY, 213 ON APR 28
MINIMUM DAILY, 3.96 ON NOV 14

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 24 24 N
LONG 65 47 42 W
DRAINAGE AREA, 1 840 km^2

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 700	JUL	39 800
FEB	49 300	AUG	60 600
MAR	34 400	SEP	50 200
APR	236 000	OCT	42 200
MAY	210 000	NOV	33 100
JUN	66 800	DEC	35 900

TOTAL DISCHARGE, 882 000 dam^3

DATA CONTRIBUTED BY -
CONSOLIDATED-BATHURST COMPANY LIMITED

REGULATED

NEREPIS RIVER NEAR FOWLERS CORNER - STATION NO. 01AP006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.20 B	5.68	1.02 B	40.4	6.46	5.57	0.665	3.15	1.10	3.03	0.626	3.50	1
2	2.00 B	4.42	0.990B	33.9	6.33	10.3	0.544	1.60	0.862	1.87	0.829	3.00 B	2
3	1.85 B	3.85B	0.970B	25.1	5.88	9.14	0.565	1.50	0.760	1.36	1.69	17.0	3
4	1.75 B	3.45B	0.950B	17.4	5.01	5.54	0.512	2.96	0.664	1.41	1.27	32.8	4
5	1.62 B	3.05B	0.930B	13.4	4.29	4.24	0.511	1.70	0.596	2.33	1.38	11.5	5
6	1.53 B	2.70B	0.910B	9.76	4.12	3.55	0.531	0.989	0.555	1.75	0.993	6.69	6
7	1.47 B	2.50B	0.890B	8.55	3.90	2.76	0.507	0.650	0.566	1.91	1.14	5.36	7
8	1.40 B	2.30B	0.870B	8.51	3.53	2.71	0.506	0.666	0.567	1.60	1.13	3.78	8
9	1.32 B	2.10B	0.850B	44.3	3.01	3.54	0.434	1.22	0.548	1.32	1.19	3.30 B	9
10	1.24 B	1.92B	0.820B	31.9	2.69	2.41	0.323	1.51	0.473	1.28	1.41	2.80 B	10
11	1.21 B	1.83B	0.905B	24.9	2.43	1.92	0.289	1.21	0.620	1.11	1.18	2.35 B	11
12	1.17 B	1.72B	1.10 B	32.2	2.25	1.74	0.253	0.978	1.61	0.924	1.03	2.10 B	12
13	1.10 B	1.68B	1.03 B	24.3	2.12	1.58	0.240	0.748	1.49	0.864	0.900B	1.95 B	13
14	1.04 B	1.60B	0.960B	17.3	2.02	2.20	0.293	0.539	1.14	0.834	0.780B	1.75 B	14
15	0.990B	1.52B	1.30 B	14.4	1.80	1.76	0.526	0.413	0.752	0.992	0.720B	1.58 B	15
16	0.960B	1.45B	7.60 B	12.2	1.64	1.49	0.609	0.369	0.609	1.03	0.660B	1.48 B	16
17	0.920B	1.42B	6.20 B	11.0	1.66	2.14	0.492	0.696	0.559	0.906	0.630B	1.35 B	17
18	1.30 B	1.37B	5.40 B	9.47	1.74	1.55	0.806	0.675	0.516	0.830	0.590B	1.29 B	18
19	1.70 B	1.33B	5.90 B	7.73	1.61	1.16	1.71	1.44	0.422	0.809	0.570B	1.22 B	19
20	3.00 B	1.30B	24.0 B	6.90	1.47	0.967	0.890	1.60	0.416	0.778	0.705B	1.16 B	20
21	17.8 B	1.26B	11.0 B	6.35	1.44	0.820	0.587	0.967	0.390	0.798	1.53	1.10 B	21
22	14.2 B	1.22B	8.80 B	9.09	1.85	0.724	0.457	0.710	0.310	0.814	11.0	1.06 B	22
23	12.2 B	1.19B	6.60 B	15.4	4.12	0.631	0.338	0.656	0.354	0.830	4.74	1.02 B	23
24	15.0 B	1.17B	5.50 B	44.6	16.8	0.623	0.273	3.38	1.31	0.795	9.83	0.980B	24
25	25.0 B	1.13B	4.70 B	19.7	16.9	0.569	0.345	6.36	1.71	0.744	14.2	1.20 B	25
26	22.5 B	1.10B	5.60 B	15.5	8.09	0.561	0.180	3.32	1.54	0.668	6.94	5.80 B	26
27	35.0 B	1.08B	26.5 B	12.5	5.61	0.473	0.210	4.66	1.08	0.664	21.5	5.10 B	27
28	67.0 B	1.05B	23.4	10.0	6.53	0.570	0.505	7.74	0.735	0.737	11.5	4.30 B	28
29	39.2		19.9	8.34	12.2	0.880	0.720	3.41	0.643	0.814	7.42	3.70 B	29
30	16.4		36.9	7.32	6.50	0.767	0.623	2.19	1.44	0.774	5.40	3.05 B	30
31	8.97		57.0		5.97		1.49	1.53		0.693		2.70 B	31
TOTAL	303.040	56.39	269.495	542.42	149.98	72.885	16.934	59.536	24.337	35.268	113.483	135.970	TOTAL
MEAN	9.78	2.01	8.69	18.1	4.84	2.43	0.546	1.92	0.811	1.14	3.78	4.39	MEAN
MAX	67.0	5.68	57.0	44.6	16.9	10.3	1.71	7.74	1.71	3.03	21.5	32.8	MAX
MIN	0.920	1.05	0.820	6.35	1.44	0.473	0.180	0.369	0.310	0.664	0.570	0.980	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 67.0B ON JAN 28
MINIMUM DAILY, 0.180 ON JUL 26
MAXIMUM INSTANTANEOUS,
68.8 AT 21:15 AST ON MAR 31

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 08 N
LONG 66 19 14 W
DRAINAGE AREA, 293 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 200	JUL	1 460
FEB	4 870	AUG	5 140
MAR	23 300	SEP	2 100
APR	46 900	OCT	3 050
MAY	13 000	NOV	9 800
JUN	6 300	DEC	11 700

TOTAL DISCHARGE, 154 000 dam³

NIGADOO RIVER NEAR ALCIDA - STATION NO. 01BJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.423B	4.60 B	0.580B	1.30B	18.8	2.17	0.440	1.81	1.38	1.42	1.32	0.580B	1
2	0.422B	3.70 B	0.565B	3.80B	21.1	2.34	0.369	1.45	1.26	1.33	1.25	0.550B	2
3	0.421B	3.10 B	0.550B	7.50B	15.0	2.14	0.337	1.09	1.18	1.21	1.19	0.540B	3
4	0.420B	2.80 B	0.530B	6.60B	9.88	1.88	0.401	0.962	1.10	1.53	1.01 B	0.900B	4
5	0.419B	2.43 B	0.520B	6.00B	8.02	1.72	0.450	0.742	1.06	1.72	0.900B	1.70 B	5
6	0.418B	2.10 B	0.510B	5.40B	7.01	1.55	0.407	0.543	1.08	1.55	0.800B	1.30 B	6
7	0.417B	1.90 B	0.500B	5.02B	6.37	1.39	0.359	0.834	1.02	1.48	0.700B	1.03 B	7
8	0.416B	1.70 B	0.490B	4.80B	5.66	1.82	0.354	2.35	0.937	1.37	0.660B	0.920B	8
9	0.415B	1.54 B	0.480B	4.65B	5.12	1.90	0.327	3.39	0.839	1.31	0.680B	0.840B	9
10	0.414B	1.40 B	0.470B	4.50B	4.86	1.60	0.275	4.46	0.821	1.22	1.07 B	0.780B	10
11	0.413B	1.30 B	0.462B	4.40B	4.65	1.42	0.273	2.94	0.724	1.16	0.970B	0.740B	11
12	0.412B	1.20 B	0.457B	4.90B	4.35	1.22	0.284	2.22	1.52	1.13	0.900B	0.700B	12
13	0.411B	1.13 B	0.448B	5.80B	3.98	1.08	0.272	1.72	2.06	1.06	0.810B	0.665B	13
14	0.410B	1.06 B	0.441B	6.80B	3.60	1.01	0.267	1.32	1.54	1.10	0.740B	0.640B	14
15	0.409B	1.01 B	0.435B	8.00B	3.32	0.943	0.732	1.15	1.27	1.09	0.680B	0.625B	15
16	0.408B	0.960B	0.428B	9.60B	3.10	0.954	0.860	1.13	1.13	0.968	0.580B	0.605B	16
17	0.407B	0.900B	0.421B	12.3 B	2.95	0.908	0.814	1.46	1.06	0.944	0.530B	0.593B	17
18	0.406B	0.860B	0.418B	11.1 B	2.61	0.803	0.781	1.83	0.858	0.920	0.480B	0.575B	18
19	0.405B	0.820B	0.425B	10.1 B	2.38	0.695	0.840	1.86	0.905	0.892	0.430B	0.565B	19
20	0.500B	0.780B	0.460B	9.30B	3.49	0.676	0.604	2.17	0.821	0.868	0.380B	0.555B	20
21	0.850B	0.750B	0.560B	14.7 B	4.95	0.652	0.580	1.83	0.750	0.870	0.330B	0.550B	21
22	0.880B	0.730B	0.555B	20.3 B	9.22	0.622	0.533	1.50	0.694	0.828	0.360B	0.545B	22
23	1.29 B	0.700B	0.550B	20.0 B	9.45	0.560	0.425	1.11	0.669	1.00	0.420B	0.540B	23
24	1.24 B	0.670B	0.570B	18.5 B	6.62	0.513	0.374	1.54	1.01	1.36	0.500B	0.535B	24
25	1.11 B	0.650B	0.480B	19.7 B	5.10	0.498	0.305	5.01	1.35	1.28	0.560B	0.530B	25
26	1.03 B	0.630B	0.520B	22.0 B	4.25	0.488	0.269	4.17	1.76	1.12	0.760B	0.541B	26
27	1.20 B	0.610B	0.580B	25.5 B	3.76	0.438	0.272	3.16	1.77	1.10	0.720B	0.580B	27
28	1.60 B	0.590B	0.690B	24.0 E	3.28	0.440	0.255	2.64	1.52	1.14	0.670B	0.565B	28
29	2.30 B		1.02 B	21.3 E	2.79	0.475	0.266	2.06	1.23	1.19	0.645B	0.555B	29
30	3.50 B		1.01 B	18.1 A	2.53	0.482	0.292	1.68	1.30	1.31	0.610B	0.545B	30
31	5.40 B		1.10 B		2.37		0.606	1.45		1.44		0.540B	31
TOTAL	28.566	40.620	17.225	335.97	190.57	33.391	13.623	61.121	34.618	36.910	21.695	21.429	TOTAL
MEAN	0.921	1.45	0.556	11.2	6.15	1.11	0.439	1.97	1.15	1.19	0.723	0.691	MEAN
MAX	5.40	4.60	1.10	25.5	21.1	2.34	0.860	5.01	2.06	1.72	1.32	1.70	MAX
MIN	0.405	0.590	0.418	1.30	2.37	0.438	0.255	0.543	0.669	0.828	0.330	0.530	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.29
MAXIMUM DAILY, 25.5B ON APR 27
MINIMUM DAILY, 0.255 ON JUL 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 24 N
LONG 65 43 47 W
DRAINAGE AREA, 123 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 470	JUL	1 180
FEB	3 510	AUG	5 280
MAR	1 480	SEP	2 990
APR	29 000	OCT	3 190
MAY	16 500	NOV	1 870
JUN	2 880	DEC	1 850

TOTAL DISCHARGE, 72 200 dam³

NORTH BRANCH OROMOCTO RIVER AT TRACY - STATION NO. 01AM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20B	38.7	4.15B	115 B	18.3	11.5	1.62	4.62	3.04	6.02	1.74	12.2	1
2	5.40B	32.1	4.05B	103	16.7	15.0	1.51	3.69	2.35	5.26	1.81	9.10	2
3	4.70B	27.3	3.90B	84.1	15.4	16.8	1.50	3.35	2.13	4.12	2.20	15.0	3
4	4.10B	19.9	3.75B	66.6	14.3	12.7	1.51	4.59	1.89	4.70	2.46	46.0	4
5	3.70B	17.1	3.65B	53.0	12.9	10.4	1.51	3.29	1.72	6.45	2.50B	34.0	5
6	3.40B	15.0 B	3.55B	40.7	11.8	8.59	1.47	2.27	1.58	5.61	2.40B	20.3	6
7	3.10B	13.7 B	3.45B	33.5	11.5	7.08	1.47	1.84	1.65	5.35	2.30B	14.2	7
8	2.90B	12.2 B	3.35B	26.0	10.7	6.88	1.46	2.06	1.65	4.54	2.24B	10.5	8
9	2.65B	11.4 B	3.24B	48.4	9.89	9.21	1.40	4.90	1.59	3.81	2.45	7.14	9
10	2.52B	10.8 B	3.15B	68.4	9.14	7.75	1.34	10.1	1.42	3.38	3.03	6.30B	10
11	2.32B	10.2 B	3.05B	58.8	8.52	6.04	1.31	6.95	1.77	2.99	3.04	5.80B	11
12	2.20B	9.50B	2.98B	63.3	7.73	5.26	1.23	5.94	3.58	2.66	2.66	5.40B	12
13	2.10B	8.90B	2.88B	68.2	6.89	4.71	1.17	4.09	3.98	2.54	2.28B	5.10B	13
14	1.98B	8.20B	2.84B	59.0	6.33	4.54	1.23	2.67	3.06	2.40	2.00B	4.80B	14
15	1.88B	7.80B	3.20B	51.5	5.93	4.36	1.60	2.02	2.25	2.44	1.83B	4.60B	15
16	1.78B	7.40B	4.20B	46.0	5.58	3.88	1.67	1.84	1.81	2.57	1.69B	4.40B	16
17	1.70B	7.00B	4.90B	43.4	5.29	3.58	1.52	2.28	1.56	2.34	1.57B	4.22B	17
18	1.62B	6.70B	4.40B	39.4	5.11	3.41	1.65	2.33	1.49	2.24	1.48B	4.07B	18
19	1.57B	6.30B	6.00B	32.3	4.96	2.92	1.86	2.12	1.37	2.00	1.38B	3.85B	19
20	4.00B	6.10B	12.0 B	27.2	4.73	2.62	1.61	1.90	1.30	1.85	1.30B	3.65B	20
21	19.4 B	5.90B	21.0 B	24.5	4.52	2.41	1.42	1.66	1.18	1.86	1.60B	3.50B	21
22	17.2 B	5.60B	33.5 B	26.5	4.61	2.27	1.29	1.42	1.07	1.84	3.00B	3.38B	22
23	15.0 B	5.40B	19.5 B	33.9	8.36	2.21	1.11	1.28	1.12	1.80	5.00B	3.25B	23
24	13.8 B	5.20B	16.0 B	70.7	29.8	2.20	1.04	5.90	2.54	1.74	12.2 B	3.12B	24
25	26.0 B	5.00B	14.2 B	59.0	43.4	2.19	0.992	17.4	3.68	1.75	18.9 B	3.04B	25
26	54.0 B	4.80B	11.5 B	48.2	28.7	2.02	0.934	12.9	3.55	1.68	16.3	5.40B	26
27	92.0 B	4.62B	13.5 B	38.1	18.5	1.87	0.999	10.0	2.54	1.58	39.0 B	10.0 B	27
28	159 B	4.48B	20.0 B	30.6	14.7	1.82	1.29	11.7	2.18	1.48	45.7	8.90B	28
29	101		29.0 B	25.4	15.8	1.93	1.33	8.81	1.77	1.62	30.8	7.60B	29
30	73.3		41.0 B	21.8	13.2	1.80	1.30	5.93	2.94	1.75	18.9	6.60B	30
31	52.7		60.0 B		12.1		2.26	4.13		1.80		5.90B	31
TOTAL	683.22	317.30	361.89	1 506.5	385.39	168.05	43.605	153.98	63.76	92.19	233.76	283.32	TOTAL
MEAN	22.0	11.3	11.7	50.2	12.4	5.60	1.41	4.97	2.13	2.97	7.79	9.14	MEAN
MAX	159	38.7	60.0	115	43.4	16.8	2.26	17.4	3.98	6.45	45.7	46.0	MAX
MIN	1.57	4.48	2.84	21.8	4.52	1.80	0.934	1.28	1.07	1.48	1.30	3.04	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 159B ON JAN 28
MINIMUM DAILY, 0.934 ON JUL 26
MAXIMUM INSTANTANEOUS,
197 AT 15:00 AST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 25 N
LONG 66 40 58 W
DRAINAGE AREA, 557 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 000	JUL	3 770
FEB	27 400	AUG	13 300
MAR	31 300	SEP	5 510
APR	130 000	OCT	7 970
MAY	33 300	NOV	20 200
JUN	14 500	DEC	24 500

TOTAL DISCHARGE, 371 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTHWEST OROMOCTO RIVER AT TRACY" TO 1985

NORTHWEST MIRAMICHI RIVER AT TROUT BROOK - STATION NO. 01BO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.05B	19.8 B	6.50B	35.0B	99.9	16.9	5.59	8.00	9.17	11.0	8.03	4.60B	1
2	4.92B	18.5 B	6.40B	51.0B	99.9	21.2	5.21	8.60	8.28	10.6 A	7.55	4.20B	2
3	4.80B	17.6 B	6.30B	87.0B	85.1	18.8	4.77	7.48	7.82	9.93A	7.04	5.40B	3
4	4.68B	16.9 B	6.10B	110 B	64.9	16.0	4.50	6.86	7.39	9.97	6.67	9.00B	4
5	4.57B	16.0 B	5.90B	100 B	53.2	14.3	4.78	6.02	6.95	11.6	5.40B	14.0 B	5
6	4.48B	15.0 B	5.80B	88.0B	46.8	13.3	4.76	4.99	7.34	10.8	5.10B	13.0 B	6
7	4.37B	14.3 B	5.70B	76.0B	42.0	11.9	4.48	7.14	8.42	9.86	5.00B	12.0 B	7
8	4.22B	13.8 B	5.50B	56.0B	39.4	13.7	4.56	17.8	7.96	8.99	6.20B	11.0 B	8
9	4.11B	13.2 B	5.40B	42.0B	35.1	17.6	4.38	25.7	7.18	8.32	8.20B	9.40B	9
10	4.02B	12.6 B	5.30B	49.0B	32.1	14.8	4.18	25.2	6.61	7.95	8.94	8.80B	10
11	3.93B	12.1 B	5.20B	57.0B	30.6	12.7	3.86	18.5	6.46	7.52	7.96	8.20B	11
12	3.84B	11.5 B	5.10B	63.0B	28.1	11.1	3.51	14.1	10.1	6.98	6.66	7.60B	12
13	3.73B	11.0 B	5.00B	66.0B	25.9	10.5	3.14	11.1	17.4	6.91	10.1	7.20B	13
14	3.64B	10.5 B	5.00B	69.0B	23.8	10.3	3.17	8.97	13.0	6.89	4.60B	6.80B	14
15	3.53B	10.0 B	4.90B	73.0B	22.6	9.86	5.83	8.04	10.1	6.88	4.20B	6.40B	15
16	3.47B	9.70B	4.80B	76.0B	20.9	9.21	10.2	7.31	8.79	6.64	5.60B	6.00B	16
17	3.42B	9.30B	4.70B	95.6	19.2	9.14	7.69	7.55	7.81	6.33	6.60B	5.60B	17
18	3.36B	8.90B	4.60B	94.6	18.4	9.18	6.58	7.98	6.96	6.09	6.10B	5.41B	18
19	3.30B	8.70B	5.20B	84.9	17.4	8.65	7.65	10.9	6.81	6.01	5.20B	5.20B	19
20	3.88B	8.50B	5.94B	76.3	19.2	7.79	7.41	13.5	6.53	5.70	4.60B	5.00B	20
21	4.70B	8.30B	7.20B	75.3	22.0	7.29	6.43	11.6	6.37	5.58	4.20B	4.90B	21
22	6.70B	8.00B	6.90B	95.9	25.4	6.88	6.23	9.43	5.84	5.71	4.00B	4.70B	22
23	8.90B	7.70B	6.40B	126	34.9	6.48	5.11	8.15	5.61	5.98	3.50B	4.50B	23
24	8.30B	7.50B	6.20B	141	39.2	5.96	4.34	7.70	8.12	6.26	[illegible]	4.30B	24
25	7.70B	7.30B	6.10B	138	42.5	5.76	4.28	14.2	13.1	6.22	[illegible]	4.00B	25
26	7.40B	7.10B	6.00B	135	32.1	5.56	4.23	28.5	19.6	5.88	7.60B	6.00B	26
27	9.00B	6.90B	10.5 B	138	25.8	5.20	4.38	23.6	15.4	5.54	7.20B	7.80B	27
28	11.8 B	6.70B	14.0 B	126	22.4	5.86	4.45	17.9	12.4	5.91	6.00B	7.00B	28
29	24.2 B		14.3 B	124	21.9	6.01	4.21	14.0	10.2	6.05	5.40B	6.80B	29
30	22.1 B		14.5 B	103	20.2	5.80	4.20	11.7	9.74	6.87	5.00B	6.40B	30
31	20.6 B		21.5 B		17.8		4.58	10.2		8.58		6.10B	31
TOTAL	212.72	317.40	222.94	2 651.6	1 128.7	317.73	158.68	382.72	277.56	233.55	185.85	217.31	TOTAL
MEAN	6.86	11.3	7.19	88.4	36.4	10.6	5.12	12.3	9.25	7.53	6.20	7.01	MEAN
MAX	24.2	19.8	21.5	141	99.9	21.2	10.2	28.5	19.6	11.6	10.1	14.0	MAX
MIN	3.30	6.70	4.60	35.0	17.4	5.20	3.14	4.99	5.61	5.54	3.50	4.00	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.3
MAXIMUM DAILY, 141 ON APR 24
MINIMUM DAILY, 3.14 ON JUL 13
MAXIMUM INSTANTANEOUS,
1 480 AT 21:20 AST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 05 41 N
LONG 65 50 14 W
DRAINAGE AREA, 948 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 400	JUL	13 700
FEB	27 400	AUG	33 100
MAR	19 300	SEP	24 000
APR	229 000	OCT	20 200
MAY	97 500	NOV	16 100
JUN	27 500	DEC	18 800

TOTAL DISCHARGE, 546 000 dam³

PETITCODIAC RIVER NEAR PETITCODIAC - STATION NO. 01BU002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	16.5 B	1.52 B	67.0B	11.2	4.76	1.16	18.7	1.98	5.04	1.18	10.7	1
2	0.960B	14.0 B	1.48 B	58.0B	10.4	8.44	1.18	14.6	1.66	4.42	1.75	7.93	2
3	0.900B	12.5 B	1.41 B	58.4	9.30	11.5	1.12	6.57	2.05	3.42	2.98	7.65	3
4	0.840B	10.8 B	1.37 B	42.8	7.97	8.21	1.07	4.78	1.63	3.24	2.68	9.86	4
5	0.790B	9.80B	1.30 B	29.9	7.25	5.16	0.994	3.86	1.36	3.66	2.20	8.20B	5
6	0.743B	9.00B	1.25 B	20.1	6.57	4.84	0.957	2.54	1.22	3.40	1.67	6.90B	6
7	0.710B	8.20B	1.20 B	15.7	5.86	3.84	0.879	1.79	1.29	3.17	1.51B	6.10B	7
8	0.680B	7.40B	1.15 B	13.2	5.16	3.36	0.853	2.13	1.21	2.69	1.40B	5.40B	8
9	0.660B	6.80B	1.11 B	27.6	4.52	5.01	0.823	2.70	1.07	2.53	1.96	4.80B	9
10	0.640B	6.30B	1.05 B	53.6	3.95	4.86	0.811	19.1	1.02	3.43	2.87	4.10B	10
11	0.620B	5.70B	1.02 B	63.3	3.70	3.31	0.731	9.00	1.22	2.88	2.30	3.75B	11
12	0.600B	5.10B	0.981B	64.3	3.39	2.74	0.715	6.86	3.58	2.28	1.82	3.45B	12
13	0.590B	4.90B	0.960B	52.3	3.10	2.44	0.715	4.27	3.42	2.15	1.65B	3.25B	13
14	0.580B	4.40B	0.940B	39.8	2.86	2.48	0.795	2.85	2.41	1.99	1.50B	3.05B	14
15	0.570B	4.10B	0.940B	31.2	2.59	2.24	1.10	2.16	1.71	2.07	1.39B	2.90B	15
16	0.560B	3.75B	0.930B	27.4	2.35	1.93	1.19	1.78	1.37	1.90	1.29B	2.65B	16
17	0.550B	3.50B	1.00 B	26.3	2.26	1.72	1.41	1.85	1.22	1.70	1.22B	2.52B	17
18	0.550B	3.25B	1.80 B	23.0	2.29	1.50	1.48	1.66	1.04	1.70	1.17B	2.40B	18
19	0.780B	3.00B	3.00 B	17.8	2.16	1.34	2.55	1.85	0.904	1.93	1.12B	2.25B	19
20	1.10 B	2.80B	4.60 B	15.2	2.03	1.20	1.39	2.28	0.819	1.94	1.08B	2.15B	20
21	2.51 B	2.60B	5.40 B	13.8	1.95	1.10	1.08	2.32	0.816	1.69	1.40B	2.02B	21
22	2.40 B	2.40B	3.80 B	15.1	2.08	1.09	0.761	1.88	0.815	1.79	8.00B	1.92B	22
23	2.05 B	2.30B	4.00 B	20.9	4.42	1.03	0.772	1.41	0.983	1.61	14.2 B	1.85B	23
24	1.80 B	2.05B	3.50 B	51.7	18.5	1.02	0.635	1.84	5.34	1.64	10.8 B	1.78B	24
25	1.55 B	1.98B	2.70 B	39.7	24.1	1.18	0.543	5.74	7.54	1.65	19.6 B	1.73B	25
26	12.0 B	1.87B	2.45 B	26.7	14.4	1.12	0.500	8.46	8.23	1.45	13.0 B	3.45B	26
27	20.0 B	1.75B	8.20 B	20.2	8.99	1.04	1.13	7.06	6.35	1.37	23.2 B	3.20B	27
28	27.0 B	1.68B	15.0 B	16.9	6.47	1.26	2.25	9.68	3.96	1.39	18.5 B	2.95B	28
29	24.5 B		33.0 B	14.6	5.36	1.30	4.33	7.26	2.64	1.38	16.0 B	2.65B	29
30	22.0 B		32.0 B	12.8	4.42	1.18	3.13	4.02	3.32	1.40	14.1	2.45B	30
31	18.0 B		73.0 B		4.67		12.4	2.60		1.28		2.25B	31
TOTAL	149.253	158.43	212.061	979.3	194.27	94.20	49.454	163.60	72.177	72.19	173.54	126.26	TOTAL
MEAN	4.81	5.66	6.84	32.6	6.27	3.14	1.60	5.28	2.41	2.33	5.78	4.07	MEAN
MAX	27.0	16.5	73.0	67.0	24.1	11.5	12.4	19.1	8.23	5.04	23.2	10.7	MAX
MIN	0.550	1.68	0.930	12.8	1.95	1.02	0.500	1.41	0.815	1.28	1.08	1.73	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.70
MAXIMUM DAILY, 73.0B ON MAR 31
MINIMUM DAILY, 0.500 ON JUL 26
MAXIMUM INSTANTANEOUS,
74.7 AT 19.50 AST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 37 N
LONG 65 10 13 W
DRAINAGE AREA 391 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 900	JUL	4 270
FEB	13 700	AUG	14 100
MAR	18 300	SEP	6 240
APR	84 600	OCT	6 240
MAY	16 800	NOV	15 000
JUN	8 140	DEC	10 900

TOTAL DISCHARGE, 211 000 dam³

PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN - STATION NO. 01AQ008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.980B	10.5 B	1.72B	20.5 E	7.19	3.58	0.353	1.49	2.35	3.00	0.885	10.6 E	1
2	0.970B	9.00B	1.67B	28.5 E	6.68	4.86	0.283	1.66	1.89	2.88	0.973	9.40 E	2
3	0.950B	8.10B	1.60B	25.0 E	6.01	5.94	0.295	2.10	1.57	2.48	1.17	18.2 E	3
4	0.930B	7.00B	1.55B	22.0 E	5.09	4.63	0.300	3.71	1.34	2.42	1.25	25.7 A	4
5	0.910B	6.30B	1.50B	20.0 E	4.45	3.41	0.294	3.05	1.12	2.79	1.44	22.3	5
6	0.890B	5.80B	1.44B	17.0 E	3.90	2.72	0.288	2.20	1.03	2.60	1.35 B	17.0	6
7	0.880B	5.40B	1.41B	14.2 E	3.50	2.21	0.291	1.56	1.07	2.72	1.31	11.5	7
8	0.860B	5.00B	1.39B	12.5 E	3.06	1.95	0.310	1.35	1.03	2.49	1.32	7.76	8
9	0.850B	4.65B	1.40B	16.0 E	2.62	2.33	0.266	1.40	0.900	2.22	1.36	5.04	9
10	0.830B	4.40B	1.42B	26.8 A	2.36	2.14	0.219	2.50	0.843	1.98	1.51	4.00 B	10
11	0.820B	4.15B	1.50B	23.9	2.07	1.76	0.195	2.66	1.12	1.75	1.50	3.10 B	11
12	0.805B	3.90B	1.62B	22.0	1.84	1.47	0.180	2.63	2.40	1.62	1.43	2.40 B	12
13	0.790B	3.73B	1.70B	21.1	1.61	1.29	0.169	1.92	2.77	1.45	1.40	2.15 B	13
14	0.780B	3.50B	2.05B	18.8	1.42	1.29	0.186	1.42	2.24	1.41	1.07	1.87 B	14
15	0.770B	3.30B	2.28B	16.5	1.28	1.19	0.264	1.06	1.70	1.56	0.950B	1.70 B	15
16	0.760B	3.10B	2.60B	14.0	1.17	1.05	0.280	1.05	1.38	1.54	0.870B	1.53 B	16
17	0.740B	2.98B	2.82B	12.6	1.07	0.974	0.238	1.65	1.15	1.48	0.810B	1.40 B	17
18	0.740B	2.82B	2.52B	11.7	1.09	0.823	0.439	1.60	1.00	1.47	0.760B	1.28 B	18
19	0.742B	2.68B	3.10B	9.69	1.08	0.729	0.609	1.93	0.863	1.39	0.720B	1.19 B	19
20	0.900B	2.58B	3.70B	7.87	1.01	0.661	0.495	1.79	0.781	1.29	0.670B	1.10 B	20
21	1.90 B	2.42B	4.80B	6.94	0.968	0.565	0.406	1.46	0.675	1.21	0.650B	1.03 B	21
22	3.10 B	2.32B	6.60B	7.98	1.08	0.435	0.358	1.40	0.592	1.18	0.960B	0.970B	22
23	2.70 B	2.21B	8.30B	9.98	1.89	0.376	0.314	1.28	0.594	1.16	1.50 B	0.930B	23
24	2.55 B	2.12B	7.10B	18.2	5.52	0.381	0.257	5.22	1.60	1.09	3.00 B	0.890B	24
25	2.32 B	2.03B	6.60B	19.0	10.2	0.356	0.226	10.1	2.24	1.02	5.20 B	0.850B	25
26	2.20 B	1.98B	6.00B	16.6	8.79	0.329	0.209	8.98	2.50	1.00	10.1	1.00 B	26
27	5.00 B	1.90B	7.60B	14.1	6.36	0.278	0.219	7.35	2.07	0.971	17.6	4.90 B	27
28	40.0 B	1.83B	9.00B	12.1	5.10	0.311	0.401	8.13	1.50	0.959	20.5 A	4.35 B	28
29	29.0 B		12.0 B	10.3	5.18	0.506	0.421	6.54	1.32	0.994	17.0 E	3.60 B	29
30	22.0 B		15.2 B	8.54	4.39	0.424	0.427	4.65	1.88	0.953	13.2 E	3.15 B	30
31	14.0 B		20.0 B		3.72		0.894	3.25		0.915		2.72 B	31
TOTAL	141.667	115.70	142.19	484.40	111.698	48.968	10.096	97.09	43.618	51.996	112.458	173.630	TOTAL
MEAN	4.57	4.13	4.59	16.1	3.60	1.63	0.326	3.13	1.45	1.68	3.75	5.60	MEAN
MAX	40.0	10.5	20.0	28.5	10.2	5.94	0.894	10.1	2.77	3.00	20.5	25.7	MAX
MIN	0.740	1.83	1.39	6.94	0.968	0.278	0.169	1.05	0.592	0.919	0.650	0.850	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.20
MAXIMUM DAILY, 40.0B ON JAN 28
MINIMUM DAILY, 0.169 ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 05 N
LONG 66 53 13 W
DRAINAGE AREA, 197 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 200	JUL	872
FEB	10 000	AUG	8 390
MAR	12 300	SEP	3 770
APR	81 900	OCT	4 490
MAY	9 650	NOV	9 720
JUN	4 230	DEC	15 000

TOTAL DISCHARGE, 133 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "PISKAHEGAN RIVER NEAR PLEASANT MOUNTAIN" TO 1985

POINT WOLFE RIVER AT FUNDY NATIONAL PARK - STATION NO. 01BV006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18 B	3.60 B	0.452B	17.7	5.81	3.38	1.49	8.66	4.47	2.81	1.37	6.60B	1
2	0.960B	3.12 B	0.435B	19.6	5.49	3.37	1.36	4.64	3.87	1.72	1.80	5.90B	2
3	0.820B	2.85 B	0.420B	16.3	5.10	3.36	1.32	3.47	3.18	1.44	1.90	20.0 B	3
4	0.920B	2.55 B	0.402B	11.0	4.47	3.06	1.32	6.91	2.50	2.79	1.66	33.8	4
5	1.12 B	2.32 B	0.390B	9.24	3.78	2.77	1.24	4.42	2.27	4.02	1.47	13.2	5
6	1.25 B	2.05 B	0.375B	7.19	3.69	2.44	1.18	3.29	2.17	3.50	1.43B	9.58	6
7	1.09 B	1.90 B	0.335B	6.04	3.26	2.11	1.12	2.96	2.09	3.61	1.40	7.64	7
8	1.00 B	1.78 B	0.355B	5.85	2.88	2.28	1.08	3.25	2.07	3.25	1.32	6.20B	8
9	0.880B	1.62 B	0.340B	12.4	2.52	7.09	0.975	6.23	1.47	3.17	2.42	5.20B	9
10	0.810B	1.50 B	0.330B	23.7	2.34	3.78	1.04	7.53	1.27	3.08	3.01	4.40B	10
11	0.750B	1.38 B	0.317B	18.4	2.15	2.85	1.08	5.10	2.09	2.65	1.92	3.80B	11
12	0.710B	1.28 B	0.305B	28.4	1.98	2.50	1.10	4.60	4.13	2.34	1.85	3.40B	12
13	0.670B	1.18 B	0.292B	18.8	1.80	2.33	1.02	3.35	4.29	2.28	1.52	2.90B	13
14	0.640B	1.08 B	0.282B	14.5	1.54	2.34	0.948	2.39	2.69	2.62	1.63B	2.55B	14
15	0.620B	1.02 B	0.700B	12.1	1.46	2.32	1.12	2.24	2.09	3.93	1.60B	2.35B	15
16	0.600B	0.960B	3.55 B	11.1	1.37	2.17	1.13	2.41	1.90	2.66	1.51B	2.20B	16
17	0.580B	0.890B	2.70 B	11.2	1.18	1.98	1.66	4.94	1.86	2.35	1.42	1.98B	17
18	0.560B	0.820B	2.30 B	9.51	1.23	1.80	2.62	3.54	1.89	2.31	1.39	1.79B	18
19	0.550B	0.770B	2.80 B	8.10	1.26	1.56	6.79	3.44	1.86	2.33	1.31B	1.65B	19
20	0.980B	0.720B	4.10 B	7.28	1.26	1.41	2.76	3.79	1.45	2.18	1.25B	1.50B	20
21	0.860B	0.680B	3.60 B	6.89	1.24	1.25	1.90	3.17	1.42	1.98	3.00B	1.40B	21
22	0.781B	0.650B	3.10 B	14.6	1.22	0.831	1.53	2.37	1.27	2.30	7.30B	1.31B	22
23	0.725B	0.620B	2.60 B	17.1	10.5	0.890	1.30	2.32	1.41	2.33	6.20B	1.24B	23
24	0.680B	0.590B	2.35 B	19.4	19.5	1.06	0.994	9.05	4.88	1.99	11.4	1.18B	24
25	0.640B	0.555B	2.10 B	13.1	12.9	1.27	0.924	13.6	2.89	1.68	12.4	1.12B	25
26	0.820B	0.525B	1.85 B	11.4	7.86	1.18	0.965	6.41	2.43	1.69	7.21	4.20B	26
27	1.50 B	0.505B	2.40 B	10.1	6.34	1.03	0.955	10.4	1.94	1.55	28.2	3.70B	27
28	8.60 B	0.490B	3.60 B	8.72	5.32	1.14	1.01	13.8	1.47	1.63	14.2	3.10B	28
29	6.00 B		5.00 B	7.47	4.56	2.04	1.84	8.14	1.30	1.61	10.1	2.70B	29
30	4.80 B		7.50 B	6.57	4.04	1.99	1.39	6.07	2.84	1.54	8.11	2.40B	30
31	4.10 B		15.0 B		3.56		10.3	5.11		1.44		2.20B	31
TOTAL	46.286	38.005	70.210	383.76	131.61	67.581	55.471	167.60	71.26	74.78	140.90	161.19	TOTAL
MEAN	1.49	1.36	2.26	12.8	4.25	2.25	1.79	5.41	2.38	2.41	4.70	5.20	MEAN
MAX	8.60	3.60	15.0	28.4	19.5	7.09	10.3	13.8	4.88	4.02	28.2	33.8	MAX
MIN	0.550	0.490	0.282	5.85	1.18	0.831	0.924	2.24	1.27	1.44	1.25	1.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.86
MAXIMUM DAILY, 33.8 ON DEC 4
MINIMUM DAILY, 0.282B ON MAR 14
MAXIMUM INSTANTANEOUS,
82.6E AT 21:50 AST ON DEC 3

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 32 N
LONG 65 01 02 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 000	JUL	4 790
FEB	3 280	AUG	14 500
MAR	6 070	SEP	6 160
APR	33 200	OCT	6 460
MAY	11 400	NOV	12 200
JUN	5 840	DEC	13 900

TOTAL DISCHARGE, 122 000 dam³

RENOUS RIVER AT MCGRAW BROOK - STATION NO. 01BO002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.50B	19.0 B	5.20B	30.0B	76.7	13.2	3.08	4.14	2.60	9.10	4.22	6.00B	1
2	4.35B	17.0 B	5.10B	40.0B	72.6	15.9	2.79	4.04	2.38	8.75	4.80	4.40B	2
3	4.25B	15.5 B	4.95B	51.0B	58.7	14.0	2.57	3.46	2.50	7.40	4.66	4.00B	3
4	4.10B	14.5 B	4.85B	48.0B	44.3	11.8	2.43	3.11	2.34	7.38	4.50	8.80B	4
5	4.05B	14.0 B	4.75B	43.0B	35.6	10.5	2.49	2.90	2.19	8.49	3.75B	14.5 B	5
6	4.00B	13.0 B	4.60B	36.5B	30.2	9.43	2.42	2.42	2.36	8.26	3.65B	13.0 B	6
7	3.90B	12.0 B	4.55B	32.5B	27.6	8.52	2.31	2.17	2.74	7.05	3.60B	12.0 B	7
8	3.80B	11.5 B	4.45B	27.5B	25.7	9.72	2.28	3.54	2.42	7.05	5.00B	11.0 B	8
9	3.75B	11.0 B	4.38B	23.0B	23.6	12.1	2.21	11.6	2.30	6.39	6.93	10.0 B	9
10	3.65B	10.5 B	4.30B	25.0B	21.5	10.3	2.05	12.6	2.18	5.85	7.54	9.40B	10
11	3.60B	10.0 B	4.20B	27.0B	20.3	8.62	1.90	8.95	2.41	5.97	6.80B	8.60B	11
12	3.50B	9.40B	4.15B	29.5B	18.3	7.56	1.94	6.93	12.8	5.45	5.20B	8.00B	12
13	3.45B	8.80B	4.10P	33.0B	16.0	6.84	1.83	5.29	18.6	5.55	4.30B	7.50B	13
14	3.40B	8.35B	4.00B	39.0B	14.1	6.45	1.86	3.91	12.1	5.75	3.30B	7.20B	14
15	3.30B	8.20B	3.95B	48.0B	13.0	6.01	6.40	3.26	8.20	5.52	3.00B	6.70B	15
16	3.25B	7.80B	3.90B	60.0B	11.8	5.28	7.40	3.09	6.33	5.49	4.15B	6.30B	16
17	3.20B	7.60B	3.85B	78.0B	11.1	5.76	5.26	3.11	5.11	4.81	4.95B	6.00B	17
18	3.15B	7.30B	3.80B	71.5B	10.9	5.35	4.84	3.00	4.43	4.53	4.30B	5.80B	18
19	3.10B	7.10B	3.70B	64.4	9.85	4.77	6.17	3.49	4.16	4.65	3.90B	5.63B	19
20	4.30B	6.90B	4.30B	55.8	9.90	4.19	5.14	4.43	3.47	4.16	3.50B	5.30B	20
21	5.50B	6.60B	7.00B	56.7	10.2	3.97	3.80	3.84	3.32	4.18	3.20B	5.00B	21
22	7.00B	6.50B	6.60B	86.7	12.2	3.49	3.02	3.18	3.19	4.70	3.10B	4.80B	22
23	8.60B	6.30B	6.30B	108	24.5	3.29	2.66	2.67	3.91	4.49	3.05B	4.60B	23
24	8.30B	6.10B	5.90B	124	35.9	3.05	2.36	2.83	11.6	5.03	6.20B	4.50B	24
25	7.90B	5.90B	5.40B	124	47.0	2.92	2.02	5.96	13.4	4.73	8.60B	4.30B	25
26	7.60B	5.70B	6.00B	141	32.1	2.86	1.95	5.63	11.6	4.19	7.70B	6.00B	26
27	11.5 B	5.60B	11.0 B	140	25.3	2.63	2.01	4.48	9.06	4.23	7.40B	8.00B	27
28	15.5 B	5.40B	15.5 B	119	21.0	3.46	2.04	5.25	7.79	4.14	8.80B	7.80B	28
29	26.5 B		19.0 B	107	18.9	3.53	1.98	4.59	6.34	4.11	12.0 B	6.90B	29
30	23.0 B		18.0 B	85.8	16.6	3.34	1.93	3.44	7.04	4.47	10.0 B	6.50B	30
31	20.5 B		23.0 B		14.4		2.47	2.98		4.84		6.10B	31
TOTAL	216.60	267.55	210.78	1 955.9	810.85	208.74	93.71	140.27	178.87	176.71	161.90	224.43	TOTAL
MEAN	6.98	9.56	6.80	65.2	26.2	6.96	3.02	4.52	5.96	5.70	5.40	7.24	MEAN
MAX	26.5	19.0	23.0	141	76.7	15.9	7.40	12.6	18.6	9.10	12.0	14.5	MAX
MIN	3.10	5.40	3.70	23.0	9.85	2.63	1.83	2.17	2.18	4.11	3.00	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 141 ON APR 26
MINIMUM DAILY, 1.83 ON JUL 13
MAXIMUM INSTANTANEOUS,
147 AT 23:10 AST ON APR 26

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 48 17 N
LONG 66 06 53 W
DRAINAGE AREA, 611 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 700	JUL	8 100
FEB	23 100	AUG	12 100
MAR	18 200	SEP	15 500
APR	169 000	OCT	15 300
MAY	70 100	NOV	14 000
JUN	18 000	DEC	19 400

TOTAL DISCHARGE, 402 000 dam³

RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK - STATION NO. 01BJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.0B	272 B	44.5B	96.0B	1 080	218	96.7	113	113	106	101	70.0B	1
2	34.0B	245 B	43.5B	143 B	1 020	214	88.3	120	108	105	101	58.0B	2
3	33.2B	215 B	42.5B	200 B	898	194	82.1	109	104	98.0	102	88.0B	3
4	32.7B	180 B	41.5B	395 B	711	176	97.0	104	98.9	98.7	101	110 B	4
5	32.2B	160 B	41.0B	380 B	570	164	137	95.8	93.4	106	97.4	160 B	5
6	32.0B	142 B	40.0B	360 B	483	152	143	87.6	94.9	106	83.9	132 B	6
7	31.9B	130 B	39.2B	335 B	429	142	130	92.1	95.6	102	99.5	123 B	7
8	31.5B	120 B	38.4B	315 B	396	140	122	117	91.5	98.9	105	114 B	8
9	31.0B	110 B	38.0B	295 B	365	148	114	158	84.3	99.6	99.2	107 B	9
10	30.6B	100 B	37.6B	275 B	335	141	106	158	79.2	101	121	102 B	10
11	30.3B	92.0B	37.3B	250 B	312	125	99.4	141	75.7	98.2	126	97.0B	11
12	29.9B	86.0B	36.7B	256 B	293	115	94.7	128	93.6	93.5	120 B	93.0B	12
13	29.7B	81.0B	36.3B	272 B	268	109	90.7	116	178	91.1	111 B	88.0B	13
14	29.3B	77.0B	36.0B	290 B	247	105	87.4	105	185	89.9	99.0B	85.0B	14
15	29.0B	73.0B	35.7B	320 B	233	99.8	120	97.8	156	92.1	90.0B	83.0B	15
16	28.8B	69.0B	35.2B	350 B	218	93.2	177	96.3	142	94.1	81.0B	80.0B	16
17	28.6B	65.0B	34.9B	380 B	201	91.2	154	108	131	90.0	74.0B	77.0B	17
18	28.4B	63.5B	34.6B	420 B	192	95.9	152	103	122	85.5	69.0B	74.0B	18
19	40.0B	61.0B	36.1B	477	185	92.2	174	115	117	83.3	65.0B	71.0B	19
20	50.0B	59.0B	40.0B	499	200	83.7	161	108	111	80.4	60.0B	69.0B	20
21	75.0B	57.0B	45.9B	547	269	78.6	157	98.9	105	78.9	56.0B	66.5B	21
22	100 B	55.0B	45.5B	681	552	75.0	164	97.9	99.1	78.7	53.0B	64.5B	22
23	91.0B	53.0B	45.9B	1 000	688	71.1	140	101	96.0	83.0	50.0B	63.0B	23
24	86.0B	51.0B	46.1B	930	595	67.2	130	95.8	104	89.9	54.0B	61.0B	24
25	82.0B	49.5B	43.5B	886	495	86.6	121	143	114	88.4	70.0B	59.0B	25
26	79.0B	48.5B	42.5B	1 070	418	128	114	169	122	84.9	96.0B	62.0B	26
27	95.0B	47.5B	43.5B	1 270	364	114	115	154	111	83.1	88.0B	61.0B	27
28	130 B	46.0B	47.0B	1 350	324	105	108	142	101	82.9	82.0B	59.0B	28
29	200 B		57.0B	1 350	293	105	101	135	96.2	88.5	77.0B	56.5B	29
30	320 B		66.0B	1 240	286	102	95.7	124	96.7	95.1	73.0B	54.2B	30
31	270 B		77.0B		241		82.2	118		105		52.0B	31
TOTAL	2 176.1	2 809.0	1 329.1	16 642.0	13 141	3 631.5	3 754.2	3 652.2	3 319.1	2 877.7	2 605.0	2 539.7	TOTAL
MEAN	70.2	100	42.9	555	424	121	121	118	111	92.8	86.8	81.9	MEAN
MAX	320	272	77.0	1 350	1 080	218	177	169	185	106	126	160	MAX
MIN	28.4	46.0	34.8	96.0	185	67.2	82.1	87.6	75.7	78.7	50.0	52.0	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 160
MAXIMUM DAILY, 1 350 ON APR 28
MINIMUM DAILY, 28.4B ON JAN 18
MAXIMUM INSTANTANEOUS,
1 370 AT 06:10 AST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 54 29 N
LONG 66 56 51 W
DRAINAGE AREA, 7 740 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188 000	JUL	324 000
FEB	243 000	AUG	316 000
MAR	115 000	SEP	287 000
APR	1 440 000	OCT	249 000
MAY	1 140 000	NOV	225 000
JUN	314 000	DEC	219 000

TOTAL DISCHARGE, 5 080 000 dam³

RESTIGOUCHE RIVER BELOW KEDGWICK RIVER - STATION NO. 01BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.7B	121 B	22.1B	52.0B	421	83.6	43.1	53.5	46.5	50.1	42.9	29.6B	1
2	16.5B	109 B	21.4B	66.0B	379	81.8	40.3	50.0	44.9	45.9	43.7	29.0B	2
3	16.3B	96.6B	20.5B	88.0B	328	73.4	38.6	47.1	43.4	43.6	44.1	34.0B	3
4	16.1B	86.0B	19.9B	172 B	260	67.4	51.8	43.6	41.4	44.7	44.8	40.0B	4
5	15.9B	77.0B	19.4B	186 B	212	62.8	63.1	39.9	39.3	47.1	42.4	72.0B	5
6	15.8B	69.0B	19.0B	141 B	180	57.5	64.1	37.5	40.3	44.9	41.7	60.0B	6
7	15.6B	62.0B	18.6B	129 B	159	52.6	58.2	42.3	39.3	44.0	50.3	55.0B	7
8	15.4B	56.0B	18.1B	120 B	145	54.5	55.9	60.7	36.9	43.3	43.1	51.0B	8
9	15.1B	52.0B	17.7B	116 B	128	58.6	52.7	66.5	34.5	43.5	46.7	48.5B	9
10	14.9B	48.2B	17.2B	112 B	115	52.0	48.9	56.4	32.6	42.9	61.4	46.0B	10
11	14.8B	45.2B	17.1B	110 B	106	47.2	46.2	49.5	33.4	42.0	57.0B	44.0B	11
12	14.6B	42.2B	16.8B	117 B	97.7	44.0	43.5	46.2	46.2	40.5	52.0B	41.5B	12
13	14.5B	40.1B	16.7B	123 B	89.7	41.5	40.9	41.7	81.3	39.3	48.0B	39.0B	13
14	14.3B	38.0B	16.5B	130 B	83.0	39.8	41.4	38.7	71.6	39.2	44.8B	37.0B	14
15	14.1B	36.0B	16.3B	142 B	78.0	37.6	70.3	36.6	61.9	41.5	41.8B	35.4B	15
16	13.9B	34.8B	15.9B	152 B	72.4	35.6	79.4	39.6	57.2	42.3	38.5B	34.0B	16
17	13.8B	33.2B	15.6B	163 B	68.8	37.8	66.8	43.6	53.7	39.7	35.8B	33.0B	17
18	13.7B	31.7B	15.8B	179 B	65.7	41.1	75.6	39.7	51.0	37.7	32.5B	31.7B	18
19	17.8B	30.3B	17.0B	206	64.3	36.4	79.0	38.5	48.8	36.4	31.0B	30.4B	19
20	26.0B	29.2B	21.2B	222	72.8	32.8	71.2	36.3	46.1	35.5	27.5B	29.4B	20
21	38.0B	28.0B	21.1B	245	115	30.5	71.0	33.1	43.9	34.7	25.0B	28.4B	21
22	49.0B	27.2B	21.0B	341	227	29.9	67.7	38.2	42.5	36.0	23.3B	27.5B	22
23	45.0B	26.3B	21.0B	465	254	28.9	61.3	37.0	42.5	36.9	22.4B	26.5B	23
24	41.8B	25.5B	21.1B	408	228	28.5	56.9	41.0	45.7	40.3	25.0B	25.9B	24
25	39.5B	25.0B	19.0B	391	182	53.2	53.0	74.6	53.0	37.6	30.0B	25.4B	25
26	39.8B	24.1B	18.0B	479	164	60.9	52.0	69.1	54.7	36.0	43.5B	25.9B	26
27	54.0B	23.6B	20.0B	562	142	50.3	53.5	61.8	48.1	35.5	39.0B	26.1B	27
28	96.0B	22.9B	23.0B	583	127	47.7	48.9	58.5	45.6	37.9	36.0B	25.0B	28
29	176 B		26.3B	563	114	47.1	45.7	54.9	43.7	39.7	34.0B	24.0B	29
30	152 B		32.0B	503	101	45.6	43.5	52.0	46.4	42.7	31.4B	23.2B	30
31	132 B		39.0B		90.9		42.3	48.2		44.9		22.7B	31
TOTAL	1 179.8	1 340.1	624.3	7 286.0	4 880.3	1 460.6	1 726.8	1 477.3	1 420.4	1 286.3	1 178.6	1 101.1	TOTAL
MEAN	38.1	47.9	20.1	242	157	48.7	55.7	47.7	47.3	40.8	39.3	35.5	MEAN
MAX	176	121	39.0	583	421	83.6	79.4	74.6	81.3	50.1	61.4	72.0	MAX
MIN	13.7	22.9	15.6	52.0	64.3	28.5	38.6	33.1	32.6	34.7	22.4	22.7	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.3
MAXIMUM DAILY, 583 ON APR 28
MINIMUM DAILY, 13.7B ON JAN 18
MAXIMUM INSTANTANEOUS,
614 AT 04:00 AST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 40 00 N
LONG 67 29 03 W
DRAINAGE AREA, 3 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	102 000	JUL	149 000
FEB	116 000	AUG	128 000
MAR	53 900	SEP	123 000
APR	628 000	OCT	109 000
MAY	422 000	NOV	102 000
JUN	126 000	DEC	95 100

TOTAL DISCHARGE, 2 150 000 dam³

RIVIERE CARAQUET AT BURNSVILLE - STATION NO. 01BL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.950B	2.45 B	0.790B	7.00B	9.44	2.87	1.48	1.37	1.04	0.893	1.41	1.30 B	1
2	0.910B	2.30 B	0.780B	9.00B	8.98	3.12	1.36	1.19	1.00	0.917	1.26	1.15 B	2
3	0.880B	2.12 B	0.770B	10.0 B	7.95	2.87	1.31	1.06	1.01	0.951	1.14	1.80 B	3
4	0.860B	1.90 B	0.760B	7.60B	6.81	2.65	1.46	0.957	0.900	1.01	1.03	2.20 B	4
5	0.840B	1.80 B	0.750B	6.40B	6.13	2.58	1.63	0.955	0.858	1.32	1.00 B	2.50 B	5
6	0.820B	1.70 B	0.740B	5.54	5.71	2.35	1.47	0.879	0.971	1.23	0.971B	2.20 B	6
7	0.805B	1.60 B	0.730B	4.40	5.68	2.21	1.34	0.878	1.04	1.17	0.942B	2.00 B	7
8	0.790B	1.50 B	0.720B	3.84	5.38	3.17	1.31	1.89	1.01	1.08	0.912	1.90 B	8
9	0.775B	1.43 B	0.710B	3.45	4.95	3.48	1.23	2.15	0.915	1.31	1.19	1.85 B	9
10	0.760B	1.34 B	0.700B	4.81	4.59	2.92	1.21	1.81	0.820	1.01	1.48	1.60 B	10
11	0.754B	1.28 B	0.690B	7.24	4.38	2.57	1.22	1.50	0.825	0.882	1.40	1.50 B	11
12	0.747B	1.21 B	0.690B	10.3	4.14	2.43	1.19	1.27	1.30	0.839	1.34 B	1.42 B	12
13	0.740B	1.17 B	0.680B	13.8	3.99	2.27	1.10	1.07	1.48	0.831	1.16	1.35 B	13
14	0.736B	1.14 B	0.680B	13.4	3.65	2.20	1.15	0.941	1.23	0.886	1.23 B	1.28 B	14
15	0.728B	1.10 B	0.670B	12.6	3.38	2.09	1.41	0.837	1.00	0.872	1.17 B	1.23 B	15
16	0.720B	1.08 B	0.670B	12.5	3.40	1.97	1.39	0.931	0.944	0.921	1.11	1.18 B	16
17	0.712B	1.05 B	0.660B	14.6	3.26	1.98	1.27	1.70	0.889	0.808	1.03	1.10 B	17
18	0.704B	1.01 B	0.780B	15.0	3.17	1.98	1.26	1.57	0.872	0.782	0.992	1.05 B	18
19	0.695B	0.990B	1.15 B	12.1	3.13	1.91	1.37	1.39	0.866	0.802	0.821	1.01 B	19
20	0.960B	0.970B	2.00 B	10.8	3.59	1.82	1.23	1.29	0.833	0.771	0.935	0.980B	20
21	1.25 B	0.950B	1.85 B	10.8	4.19	1.74	1.22	1.11	0.742	0.762	1.01	0.960B	21
22	1.70 B	0.930B	1.72 B	12.9	6.60	1.69	1.20	1.00	0.731	0.733	0.960B	0.920B	22
23	1.60 B	0.910B	1.60 B	14.4	7.37	1.66	1.13	0.941	0.783	0.806	0.900B	0.900B	23
24	1.51 B	0.890B	1.50 B	16.0	5.66	1.57	1.05	1.14	0.805	0.932	0.870B	0.870B	24
25	1.43 B	0.870B	1.40 B	15.2	4.80	1.62	0.974	2.82	0.879	0.901	0.830B	0.850B	25
26	1.35 B	0.850B	2.50 B	14.4	4.05	1.53	0.942	2.65	1.02	0.897	0.980B	1.10 B	26
27	1.72 B	0.830B	3.90 B	14.9	3.55	1.49	0.960	2.10	1.03	0.823	1.33 B	1.58 B	27
28	2.35 B	0.810B	3.60 B	13.4	3.32	1.52	0.902	1.64	0.912	0.855	1.69 B	1.50 B	28
29	3.20 B		3.35 B	12.1	3.23	1.53	0.989	1.32	0.792	0.867	1.55 B	1.40 B	29
30	2.95 B		4.02 B	10.2	3.16	1.55	0.913	1.18	0.874	1.28	1.40 B	1.35 B	30
31	2.70 B		5.00 B		2.89		1.06	1.10		1.43		1.30 B	31
TOTAL	37.646	36.180	46.560	318.68	150.53	65.34	37.710	42.639	28.374	29.571	34.043	43.330	TOTAL
MEAN	1.21	1.29	1.50	10.6	4.86	2.18	1.22	1.38	0.946	0.954	1.13	1.40	MEAN
MAX	3.20	2.45	5.00	16.0	9.44	3.48	1.63	2.82	1.48	1.43	1.69	2.50	MAX
MIN	0.695	0.810	0.660	3.45	2.89	1.49	0.902	0.837	0.731	0.733	0.821	0.850	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.39
MAXIMUM DAILY, 16.0 ON APR 24
MINIMUM DAILY, 0.660B ON MAR 17
MAXIMUM INSTANTANEOUS,
17.0 AT 23:10 AST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 42 20 N
LONG 65 09 18 W
DRAINAGE AREA, 173 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 250	JUL	3 260
FEB	3 130	AUG	3 680
MAR	4 020	SEP	2 450
APR	27 500	OCT	2 550
MAY	13 000	NOV	2 940
JUN	5 650	DEC	3 740

TOTAL DISCHARGE, 75 200 dam^3

REMARKS - PUBLISHED UNDER THE NAME "SOUTHWEST CARAQUET RIVER AT BURNSVILLE" TO 1985

SAINT JOHN RIVER AT EDMUNDSTON - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135.476	136.197	135.234	136.098A	136.531	135.676	---	134.933	135.437	135.605A	135.179	135.122	1
2	135.447	136.236	135.199	137.530	136.394	135.617	---	135.091	135.364	135.869	135.193	135.118	2
3	135.415	136.218	135.176	138.686	136.293	135.572	---	135.358	135.290	135.774A	135.161	135.099	3
4	135.388	136.146	135.172	138.886	136.172	135.504	---	135.638	135.243	---	135.153	135.140	4
5	135.395	136.071	135.202	138.321	136.046	135.419	---	135.755	135.200A	135.537A	135.137	135.183	5
6	135.419	135.978	135.138	137.208	135.944	135.355	---	135.588	---	135.469	135.068	135.364	6
7	135.436	135.896	135.109	136.882	135.868	135.265	135.142A	135.412	---	135.440	135.029	135.451	7
8	135.483	135.805	135.079	136.587	135.822	135.252	135.588	135.353	---	135.398	135.024	135.354	8
9	135.515	135.720	135.069	136.364	135.911	135.238	136.038	135.395	135.160A	135.364	135.032	135.288	9
10	135.495	135.649	135.047	136.219	135.958	135.218	135.814	135.474	135.091	135.367	135.057	135.440	10
11	135.470	135.592	135.014	136.099	135.772	135.264	135.555	135.570	135.061	135.356	135.226	135.475	11
12	135.465	135.522	135.114	136.052	135.662	---	135.346	135.515	135.195A	135.302	135.282	135.473	12
13	135.445	135.473	135.153	136.106	135.535	---	135.201	135.531	135.924A	135.251	135.226	135.478	13
14	135.402	135.426	135.140	136.197	135.385	---	135.118	135.390	136.478	135.217	135.096	135.683	14
15	135.432	135.392	135.135	136.287	135.326	---	135.200	135.257	136.174A	135.211	135.016	135.612	15
16	135.448	135.360	135.117	136.377	135.294	---	135.338	135.207	135.888	135.214	134.952	135.554	16
17	135.418	135.312	135.078	136.535	135.255	---	135.424	135.339	135.656	135.221	134.984	135.620	17
18	135.404	135.340	135.055	136.752	135.223	---	135.350	135.455	135.511	135.234	135.014	135.722	18
19	135.362	135.389	135.047	136.887	135.205	---	135.327	135.469	135.390	135.184	134.939	135.798	19
20	135.371	135.383	135.075	136.953	135.218	---	135.404	135.348	135.308	135.128	134.850	135.729	20
21	135.448	135.372	135.048	136.981	135.317	---	135.316	135.201	135.246	135.087	134.816	135.857	21
22	135.487	135.394	135.091	137.189	135.580	---	135.212	135.181	135.188	135.065	134.750	135.703	22
23	135.496	135.362	135.128	137.413	135.790	---	135.087	135.162	135.152	135.050	134.740	135.671	23
24	135.476	135.356	135.143	137.197	136.109	---	134.994	135.297	135.216	135.039	134.897	135.584	24
25	135.473	135.320	135.191	136.974	136.907	---	134.944	135.881	135.386	135.025	134.950	135.543	25
26	135.538	135.294	135.222	136.926	136.828	---	134.895	136.324	135.580	135.025	135.023	135.511	26
27	135.774	135.269	135.364	136.966	136.466	---	134.857	136.207	135.519	135.020	135.054	135.475	27
28	136.105	135.250	135.400	136.948	136.177	---	134.892	135.969	135.406	135.010	135.121	135.423	28
29	135.899		135.481	136.840	136.012	---	134.964	135.825	135.308	135.004	135.113	135.414	29
30	136.013		135.686	136.684	135.882	---	134.897	135.696	135.333A	135.061	135.108	135.423	30
31	136.149		135.986		135.778		134.873	135.559		135.124		135.381	31
MEAN	135.534	135.597	135.197	136.905	135.860	---	---	135.497	---	---	135.041	135.468	MEAN
MAX	136.149	136.236	135.986	138.886	136.907	---	---	136.324	---	---	135.282	135.798	MAX
MIN	135.362	135.250	135.014	136.052	135.205	---	---	134.933	---	---	134.740	135.098	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 138.886 ON APR 4
MINIMUM DAILY, 134.740 ON NOV 23
MAXIMUM INSTANTANEOUS,
139.184 AT 21:18 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 40 N
LONG 68 19 38 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
15 500 km^2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT FORT KENT - STATION NO 01AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.1B	362 B	69.4B	566B	742	382	320	160	328	450	241	201B	1
2	47.3B	382 B	66.5B	889B	665	360	262	222	297	538	236	198B	2
3	45.9B	368 B	65.1B	1 660	614	343	216	328	272	470	224	193B	3
4	45.3B	340 B	63.7B	1 740	555	314	191	456	251	402	223	198B	4
5	44.2B	317 B	60.9B	1 510	490	286	202	490	237	360	212	227B	5
6	43.3B	289 B	59.5B	1 210	442	261	211	395	229	340	187	306B	6
7	42.8B	261 B	58.0B	1 010	411	237	229	314	231	326	176	317B	7
8	41.9B	235 B	56.6B	833	399	227	479	300	235	314	169	294B	8
9	41.1B	212 B	55.2B	705	453	240	600	323	220	309	174	266B	9
10	40.5B	193 B	54.4B	626	498	259	484	365	201	306	206	246B	10
11	39.9B	181 B	53.8B	564	445	272	360	396	191	294	265	235B	11
12	39.6B	167 B	52.4B	544	391	240	277	379	243	274	262	227B	12
13	39.1B	156 B	51.5B	575	343	208	224	379	682	252	236	218B	13
14	38.5B	147 B	51.0B	623	309	187	197	314	878	235	191	204B	14
15	37.9B	136 B	51.0B	660	282	171	216	259	674	235	157	195B	15
16	37.7B	130 B	53.8B	705	260	161	297	245	510	246	155	190B	16
17	37.4B	122 B	58.0B	793	242	159	314	317	405	254	168	184B	17
18	37.1B	116 B	56.6B	920	230	172	283	348	343	245	169	178B	18
19	36.8B	109 B	55.2B	1 020	227	197	286	320	300	225	143	173B	19
20	39.6B	103 B	59.5B	1 030	236	191	314	272	268	208	117	167B	20
21	59.5B	99.1B	62.3B	1 040	276	163	270	235	243	196	101	161B	21
22	73.6B	94.9B	65.1B	1 150	388	142	233	225	221	189	95.7	156B	22
23	82.1B	90.6B	68.0B	1 300	476	126	203	231	211	184	104	153B	23
24	79.3B	86.4B	70.8B	1 150	711	121	176	279	237	181	130 B	147B	24
25	85.0B	83.5B	75.0B	997	1 160	214	155	597	326	180	144 B	142B	25
26	105 B	79.3B	79.3B	966	1 030	422	139	773	399	183	161 B	176B	26
27	136 B	76.5B	90.6B	985	773	445	134	685	360	177	176 B	170B	27
28	173 B	73.6B	133 B	977	620	362	152	555	309	175	190 B	161B	28
29	215 B		164 B	909	532	388	166	479	269	176	201 B	156B	29
30	278 B		212 B	827	473	385	144	419	289	197	204 B	150B	30
31	340 B		382 B		425		136	368		22[illegible]		144B	31
TOTAL	2 450.5	5 009.9	2 554.2	28 484	15 098	7 635	7 870	11 432	9 859	8 346	5 417.7	6 133	TOTAL
MEAN	79.0	179	82.4	949	487	255	254	369	329	269	181	19[illegible]	MEAN
MAX	340	382	382	1 740	1 160	445	600	773	878	538	265	3[illegible]	MAX
MIN	36.8	73.6	51.0	544	227	121	134	160	191	175	95.7	142	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 302
MAXIMUM DAILY, 1 740 ON APR 4
MINIMUM DAILY, 36.8B ON JAN 19
MAXIMUM INSTANTANEOUS,
1 780 AT 16:30 EST ON APR 4

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 25 N
LONG 68 35 35 W
DRAINAGE AREA, 14 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	212 000	JUL	680 000
FEB	433 000	AUG	988 000
MAR	221 000	SEP	852 000
APR	2 460 000	OCT	721 000
MAY	1 300 000	NOV	468 000
JUN	660 000	DEC	530 000

TOTAL DISCHARGE 9 530 000 dam³

SAINT JOHN RIVER AT FREDERICTON - STATION NO 01AK003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	3.280	1.713	4.062	4.494	2.574	1.394	1.541	1.772	1.944	1.710	1.822	1
2	---	3.226	1.796	4.094	4.302	2.671	1.473	1.287	1.745	1.992	1.546	1.793	2
3	1.238A	3.160	1.596	4.200	4.118	2.562	1.510	1.192	1.993	2.143	1.506	2.030	3
4	1.229	3.257	1.406	4.948	3.691	2.538	1.499	1.487	1.869	2.236	1.710	2.368	4
5	1.075	2.895	1.337	4.973	3.617	2.490	1.475	1.753	1.785	2.063	1.691	2.607	5
6	1.115	3.073	1.494	4.747	3.406	2.195	1.276	1.826	1.744	2.191	1.760	2.787	6
7	1.225	3.022	1.889	4.412	3.713	2.012	1.655	1.675	1.606	2.167	1.580	2.455	7
8	1.225	2.654	2.069	4.330	3.090	1.915	1.935	2.027	1.716	2.115	1.446	2.387	8
9	1.161	2.468	1.821	4.254	3.237	1.973	2.056	2.406	1.747	2.089	1.384	2.452	9
10	1.130	2.297	1.758	4.128	3.387	2.060	2.012	2.410	1.772	2.164	1.584	2.268	10
11	1.184	2.212	1.537	4.063	3.241	2.059	1.957	2.151	1.870	2.003	1.554	2.277	11
12	1.260	2.230	1.362	4.046	3.086	1.862	1.453	2.135	2.044	1.741	1.751	2.323	12
13	1.318	2.218	1.439	4.293	2.733	1.816	1.328	2.256	2.376	1.674	1.744	2.250	13
14	1.403	2.166	1.377	4.407	2.348	1.650	1.440	2.121	2.288	1.763	1.627	2.140A	14
15	1.475	1.936	1.285	4.295	1.916	1.520	1.620	2.001	2.224	1.838	1.371	1.975A	15
16	1.207	1.938	1.216	4.335	1.683	1.578	1.540	1.955	2.220	1.850	1.309	2.048A	16
17	1.067	1.842	1.156	4.326	1.534	1.558	1.563	1.849	2.201	1.847	1.493	1.960A	17
18	1.038	1.748	1.094	4.326	1.436	1.502	1.773	1.872	2.273	1.788	1.531	2.015A	18
19	1.020	1.643	1.157	4.273	1.433	1.527	1.712	1.953	2.163	1.520	1.641	1.922	19
20	1.131	1.604	1.483	4.230	1.625	1.551	1.442	1.936	1.957	1.675	1.703	1.792	20
21	1.540	1.604	1.936	4.202	1.862	1.494	1.547	1.992	1.720A	1.709	1.448	1.813	21
22	1.715	1.547	1.512	4.277	2.043	1.410	1.583	1.943	1.640A	1.598	1.188	1.992	22
23	1.660	1.749	1.293	4.982	2.295	1.517	1.592	1.806	1.879	1.628	1.173	2.028A	23
24	1.740	1.497	1.276	5.209	2.367	1.602	1.619	1.894	1.893	1.578	1.170	1.819	24
25	1.699	1.400	1.433	5.099	2.865	1.654	1.624	2.103	1.979	1.542	1.227	1.600	25
26	1.357	1.597	1.371	5.013	3.572	1.799	1.497	2.509	1.859	1.305	1.603	1.600	26
27	2.176	1.706	1.637	4.985	3.640	1.898	1.371	2.629	1.800	1.357	1.864	1.639	27
28	3.719	1.613	2.083	4.864	3.387	1.903	1.567	2.676	1.559	1.303	2.083	1.566	28
29	3.908		2.420	4.764	3.286	1.531	1.565	2.592	1.676	1.423	2.015	1.699	29
30	3.598		2.909	4.638	2.997	1.567	1.524	2.467	1.876	1.293	1.961	2.142	30
31	3.444		3.410		2.605		1.595	2.158		1.345		1.920	31
MEAN	---	2.199	1.654	4.496	2.858	1.866	1.587	2.020	1.908	1.770	1.579	2.035	MEAN
MAX	---	3.280	3.410	5.209	4.494	2.671	2.056	2.676	2.376	2.236	2.083	2.607	MAX
MIN	---	1.400	1.094	4.046	1.433	1.410	1.276	1.192	1.559	1.293	1.170	1.566	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.209 ON APR 24
MINIMUM DAILY, 1.020 ON JAN 19
MAXIMUM INSTANTANEOUS,
5.256 AT 18:21 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 54 N
LONG 66 38 42 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT GRAND FALLS - STATION NO. 01AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108	553	155 A	674	1 330	581	455	285	482	513	354	285	1
2	108 E	565	210 E	1 020	1 190	558	388	289	427	652	375	266	2
3	121 E	563	178 E	1 550	1 080	517	342	356	394	642	360	271	3
4	106 E	533	174 E	1 980	958	481	307	445	369	565	349	352	4
5	86.4E	493	182	2 620	867	459	303	576	344	506	339	374	5
6	102 E	461	156 A	1 820	780	420	311	549	335	474	302	380	6
7	103 E	432	158 E	1 430	718	385	312	459	339	459	297	421	7
8	114 E	403	144 E	1 200	682	378	398	477	329	444	278	405	8
9	112 E	372	183 E	1 030	682	393	718	575	321	444	298	338	9
10	106 E	336	151 E	814	741	351	567	478	283	429	359	305	10
11	117 E	318	101 E	829	651	368	520	512	282	416	362	323	11
12	108 E	280	109 E	803	576	342	417	505	351	408	411	311	12
13	105 E	269	123 E	848	520	287	362	490	602	383	400	274	13
14	108 E	244	130 E	821	446	273	307	446	1 010	366	300	282	14
15	140 E	225	158 E	1 010	416	268	370	388	906	370	280	277	15
16	74.9E	218	109 E	1 080	404	235	411	366	708	371	286	272	16
17	77.3E	221A	116 E	1 190	382	241	446	388	573	370	303	261	17
18	76.8E	228E	114 E	1 340	366	219	436	457	481	375	328	241	18
19	109 E	231E	71.8	1 460	384	255	427	454	437	347	263	236	19
20	120 E	229E	138	1 510	367	265	438	411	408	332	227	233	20
21	156 E	220E	158	1 530	412	231	421	342	372	311	182	234	21
22	117 E	228E	114 A	1 740	541	222	379	358	346	328	171	233	22
23	146 E	228E	89.0A	2 000	666	183	337	318	334	323	176	233	23
24	151 E	201E	131	1 860	753	212	260	407	372	340	173	233	24
25	138 E	189E	136	1 630	1 180	261	241	851	433	342	260	180E	25
26	153 E	228E	164	1 590	1 320	429	240	912	530	345	267	186E	26
27	228 E	197E	212	1 640	1 110	571	211	898	514	250	290	194E	27
28	577	181E	213	1 640	934	513	207	767	456	340	309	184E	28
29	499		233	1 550	800	467	230	649	413	338	317	179E	29
30	461		323	1 430	713	506	227	581	418	329	310	180E	30
31	502		538		647		248	514		345		180E	31
TOTAL	5 230.4	8 856	5 152.8	41 855	22 573	10 902	11 311	15 304	13 559	12 558	8 908	8 323	TOTAL
MEAN	169	316	166	1 400	728	363	365	494	452	405	297	268	MEAN
MAX	577	565	538	2 620	1 320	581	718	912	1 010	652	411	421	MAX
MIN	74.9	181	71.8	674	356	183	207	285	282	311	171	180	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45
MAXIMUM DAILY, 2 620 ON APR 5
MINIMUM DAILY, 71.8 ON MAR 19
MAXIMUM INSTANTANEOUS,
3 410 AT 18:13 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 24 N
LONG 67 44 30 W
DRAINAGE AREA, 21 900 km^2
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1930

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	452 000	JUL	977 000
FEB	785 000	AUG	1 320 000
MAR	445 000	SEP	1 170 000
APR	3 620 000	OCT	1 080 000
MAY	1 950 000	NOV	770 000
JUN	942 000	DEC	719 000

TOTAL DISCHARGE, 14 200 000 dam^3

SAINT JOHN RIVER AT HARTLAND SALMON POOL - STATION NO. 01AJ008

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.558	46.288	43.681	45.501	42.460	41.167	40.352	40.344	40.890E	40.862	40.772	42.554	1
2	41.515	46.334	43.911	46.331	42.220	41.145	40.647	40.289	40.830E	41.113	40.629	42.778	2
3	41.579	46.217	43.653	47.486	42.036	41.130	40.600	40.470	40.845E	41.281	40.701	42.769	3
4	41.568	46.052	43.583	45.846	41.847	40.854	40.462	40.778	40.740E	41.173	40.709	43.722	4
5	41.472	46.059	43.479	45.364	41.680	40.757	40.380	41.000A	40.635E	41.054	40.565	43.040	5
6	41.352	45.667	43.542	44.713	41.522	40.673	40.324	40.980A	40.470E	41.002	40.510	42.835	6
7	41.388	45.538	43.608	43.696	41.360	40.602	40.511	40.920A	40.395E	40.880	40.392	43.457	7
8	41.590	45.491	43.743	42.966	41.273	40.641	40.396	40.880E	40.450E	41.052	40.484	43.570	8
9	41.508	45.281	43.525	42.436	41.126	40.822	40.509	41.150A	40.620A	40.815	40.666	43.446	9
10	41.616	45.061	43.432	42.036	41.115	40.942	40.667	41.116	40.560	40.812	40.744	43.254	10
11	41.519	44.840	43.227	41.732	41.012	40.688	40.521	41.135	40.461	40.634	40.767	43.143	11
12	41.622	44.894	43.037	41.707	40.878	40.514	40.038	41.148	40.646	40.642	40.892	43.355	12
13	41.582	44.674	43.678	41.816	40.732	40.600	40.173	41.026	40.717	40.777	40.734	43.030	13
14	41.601	44.516	42.877	42.041	40.564	40.144	40.277	40.855A	41.351	40.810	40.638	42.909	14
15	41.592	44.513	42.966	42.159	40.284	40.482	40.384	40.840A	41.502	40.794	40.369	42.751	15
16	41.564	44.271	42.621	42.327	40.334	40.563	40.403	40.800E	41.281	40.734	40.584	42.625	16
17	41.573	44.032	42.381	42.471	40.273	40.543	40.567	40.650A	41.057	40.606	40.581	42.816	17
18	41.408	44.325	42.549	42.658	40.459	40.410	40.607	40.587	40.785	40.636	40.694	42.706	18
19	41.393	44.200	43.075	42.808	40.632	40.475	40.474	40.835A	40.688	40.573	40.619	42.651	19
20	41.600	44.072	43.656	42.754	40.724	40.463	40.382	10.800E	40.708	40.761	40.719	42.499	20
21	41.961	44.228	43.820	42.757	40.857	40.466	40.594	40.610A	40.474	40.667	40.425	42.610	21
22	42.032	44.133	43.116	43.085	40.890	40.385	40.587	40.610A	40.805	40.678	40.821	42.523	22
23	41.645	44.361	42.661	43.849	41.083	40.389	40.656	40.558	40.712	40.595	41.387	42.524	23
24	41.930	43.828	42.387	43.411	41.134	40.422	40.597	40.744	40.640	40.591	41.663	42.434	24
25	41.854	43.477	42.852	43.112	42.018	40.427	40.489	40.960A	40.741	40.525	41.820	42.106	25
26	41.760	44.073	42.980	42.872	42.450	40.401	40.403	41.760E	40.694	40.554	41.928	41.871	26
27	42.567	44.003	43.811	43.035	42.152	40.524	40.411	41.845E	40.792	40.564	41.801	42.145	27
28	44.327	43.973	44.426	42.990	41.829	40.567	40.563	41.640E	40.845	40.589	41.682	42.095	28
29	46.743		44.333	42.823	41.530	40.169	40.419	41.375E	40.829	40.582	41.760	42.211	29
30	46.388		44.805	42.646	41.344	40.556	40.501	41.215E	40.856	40.583	41.861	42.274	30
31	46.277		45.459		41.206		40.413	41.030E		40.788		42.262	31
MEAN	42.183	44.799	43.461	43.307	41.262	40.606	40.463	40.941	40.767	40.769	40.947	42.723	MEAN
MAX	46.743	46.334	45.459	47.486	42.450	41.167	40.667	41.845	41.502	41.281	41.861	43.570	MAX
MIN	41.352	43.477	42.381	41.707	40.273	40.169	40.038	40.289	40.395	40.525	40.369	41.831	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 41.833
MAXIMUM DAILY, 47.486 ON APR 3
MINIMUM DAILY, 40.038 ON JUL 12
MAXIMUM INSTANTANEOUS,
48.008 AT 21:53 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 67 31 45 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION - STATION NO 01AK005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.306	4.915	3.943	6.243	6.395	4.762	3.374	4.060A	3.734	4.464	4.464	---	1
2	3.369	5.078	3.870	6.208	6.21[illegible]	4.922	3.9[illegible]	3.271	4.206	4.431	3.798	---	2
3	3.836	5.058	3.368	6.654	6.096A	4.818	3.588	3.265	4.525	4.684	3.81[illegible]	---	3
4	3.129	5.134	3.276	7.599	5.346	4.832	3.931	4.226	4.165	4.700	4.187	---	4
5	3.131	4.518	3.456	7.476	5.584	4.735	3.896	4.542	4.108	4.366	4.063	---	5
6	3.265	5.169	3.778	6.983	5.314	4.195	3.184	4.463	3.804	4.623	4.100	4.343	6
7	3.679	4.789	4.357	6.461	5.254	3.971	4.356	4.173	3.603	4.526A	3.780	4.770	7
8	3.518A	4.434	4.184	6.408	5.132A	3.938	4.823	4.849	4.073	4.272E	3.462	4.581	8
9	3.201	4.099	3.846	6.327	5.868A	4.420	4.743	5.208	4.153	4.432A	3.464	3.970	9
10	3.258	4.074	4.071	5.952	5.880	4.333	4.718	4.713	4.205	4.577	---	3.993	10
11	3.378	4.084	3.417	5.857	5.521A	4.541	4.293A	4.418	4.275	4.231	---	4.208	11
12	3.368	4.140	3.282	5.836	5.425A	3.881A	3.259E	4.533	4.464	3.876	---	4.333	12
13	3.561	4.159	3.621	6.293	4.820A	4.217	3.314E	4.792	5.080	3.900	---	4.039	13
14	3.702	4.066	3.377	6.400	4.136	3.638	3.828A	4.490	4.446	4.162	---	3.736	14
15	3.749	3.932	3.228	6.269	3.265	3.676	4.235	4.368	4.655	4.250	---	4.031	15
16	3.298	3.852	3.063	6.417	3.191	3.842	3.842	4.424	4.569	4.219	---	3.900	16
17	3.137	3.954	3.059	6.420	3.169	4.002	4.040	3.885	4.783	4.262	---	3.920	17
18	3.141	3.878	3.033	6.440	3.110	3.794	4.384	4.216	4.589	3.956A	---	3.965	18
19	3.203	3.897	3.517	6.420	3.277	3.879	3.910	4.334	4.326	3.300	---	3.949	19
20	3.657	3.716	3.731	6.436	4.153	3.904	3.147	4.205	4.118	4.167	---	3.776	20
21	3.918	3.878	3.890	6.420	4.523	3.856	3.870	4.265	3.228	3.950A	---	3.924	21
22	3.970	4.031	3.213	6.561	4.574	3.262	3.821	4.192	3.933	3.910A	---	4.066	22
23	3.735	3.917	3.143	7.528	4.923	3.844	3.899	3.903	4.244	4.078	---	4.024	23
24	4.147	3.442	3.308	7.434	4.618	3.863	3.917	4.119	4.268	4.199A	---	3.797	24
25	3.385	3.540	3.505	7.072	5.625	4.133	3.896	4.613	4.418	4.027	---	3.373	25
26	3.266	3.993	3.258	7.004	6.419	4.323	3.540	5.334	4.379	3.639	---	3.753	26
27	4.931	3.571	3.825	6.945	6.223	4.527	3.190	5.388	4.376	3.803	---	3.570	27
28	6.118	3.709	4.123	6.954	5.827	4.427	4.058	5.328	3.927	3.823	---	3.403	28
29	5.764		4.438	6.673	5.680	3.302	3.926	5.147	4.218	3.886	---	3.924	29
30	5.111		4.883	6.569	5.159	4.006	4.020A	4.965	4.478	3.740	---	4.025	30
31	6.223		5.596		4.383		4.133	4.508		3.944		3.681	31
MEAN	3.788	4.180	3.698	6.609	5.005	4.121	3.919	4.458	4.245	4.142	---	---	MEAN
MAX	6.118	5.169	5.596	7.599	6.419	4.922	4.823	5.388	5.080	4.700	---	---	MAX
MIN	3.129	3.442	3.033	5.836	3.110	3.262	3.147	3.255	3.228	3.300	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 7.599 ON APR 4
MINIMUM DAILY, 3.033 ON MAR 18
MAXIMUM INSTANTANEOUS,
7.861 AT 11:23 AST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 51 53 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MAUGERVILLE - STATION NO 01AD002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.141	3.023	1.523	3.535E	4.173	2.379	1.343	1.341	1.684	1.663	1.405	1.700	1
2	1.136	2.911	1.506	3.645E	3.991	2.412	1.332	1.219	1.606	1.726	1.371	1.659	2
3	1.168	2.853	1.497	3.825E	3.836	2.344	1.343	1.139	1.742	1.837	1.340	1.797	3
4	1.169	2.832	1.344	4.500E	3.491	2.316	1.336	1.261	1.689	1.944	1.459	2.087	4
5	1.036	2.601	1.271	4.615E	3.366	2.280	1.320	1.451	1.627	1.878	1.489	2.288	5
6	1.058	2.641	1.316	4.365E	3.188	2.059	1.215	1.550	1.607	1.947	1.531	2.147	6
7	1.081	2.613	1.536	4.057A	3.102	1.894	1.348	1.498	1.522	1.947	1.453	2.140	7
8	1.094	2.414	1.721	3.936	2.885	1.799	1.573	1.666	1.559	1.930	1.353	2.077	8
9	1.095	2.283	1.612	3.879	2.932	1.786	1.706	1.971	1.577	1.873	1.296	2.114	9
10	1.094	2.146	1.840	3.838	3.032	1.870	1.691	2.081	1.570	1.916	1.338	1.980	10
11	1.135	2.073	1.455	3.806	2.834	1.843	1.693	1.913	1.631	1.808	1.360	1.936	11
12	1.201	2.076	1.329	3.788	2.803	1.739	1.397	1.869	1.728	1.628	1.460	1.86[illegible]	12
13	1.244	1.945	1.331	3.918	2.565	1.654	1.271	1.860	1.916	1.556	1.491	1.941	13
14	1.278	1.957	1.298	4.006	2.265	1.549	1.298	1.885	1.962	1.600	1.401	1.782	14
15	1.289	2.121	1.241	3.939	1.912	1.432	1.388	1.799	1.877	1.638	1.270	1.675	15
16	1.140	1.781	1.186	3.929	1.674	1.438	1.365	1.756	1.900	1.681	1.218	1.70[illegible]	16
17	1.021	1.678	1.122	3.902	1.520	1.397	1.375	1.730	1.893	1.686	1.298	1.616	17
18	0.982	1.577	1.047	3.862	1.417	1.378	1.507	1.696	1.946	1.724	1.337	1.623	18
19	0.937	1.510	1.024	3.829	1.400	1.395	1.534	1.762	1.893	1.482	1.397	1.566	19
20	1.006	1.465	1.253	3.782	1.488	1.416	1.384	1.763	1.755	1.505	1.438	1.532	20
21	1.271	1.473	1.568	3.757	1.803	1.397	1.423	1.797	1.692	1.530	1.331	1.545	21
22	1.417	1.376	1.382	3.784	1.770	1.380	1.462	1.783	1.535	1.465	1.149	1.543	22
23	1.440	1.518	1.225	4.244	1.861	1.404	1.454	1.707	1.654	1.450	1.105	1.599	23
24	1.464	1.409	1.210	4.557	2.082	1.475	1.473	1.755	1.887	1.380	1.083	1.513	24
25	1.498	1.349	1.288	4.611	2.447	1.482	1.495	1.887	1.732	1.351	1.113	1.385	25
26	1.313	1.437	1.295	4.582	2.976	1.579	1.423	2.134	1.648	1.181	1.331	1.328	26
27	1.760	1.567	1.533A	4.569	3.133	1.663	1.315	2.253	1.570	1.184	1.588	1.397	27
28	2.887	1.481	2.080E	4.548	2.885	1.666	1.356	2.309	1.422	1.152	1.813	1.362	28
29	3.456		2.245E	4.421	2.934	1.682	1.384	2.252	1.447	1.220	1.784	1.331	29
30	3.283		2.460E	4.297	2.749	1.426	1.338	2.163	1.576	1.159	1.749	1.570	30
31	3.184		2.935E		2.474		1.359	1.852		1.176		1.600	31
MEAN	1.484	2.004	1.498	4.079	2.615	1.711	1.416	1.785	1.684	1.588	1.382	1.725	MEAN
MAX	3.456	3.023	2.935	4.615	4.173	2.412	1.706	2.309	1.962	1.947	1.813	2.288	MAX
MIN	0.937	1.349	1.024	3.535	1.400	1.380	1.215	1.139	1.422	1.152	1.083	1.328	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MEAN, 1.909
MAXIMUM DAILY, 4.615E ON APR 5
MINIMUM DAILY, 0.937 ON JAN 19
MAXIMUM INSTANTANEOUS,
4.634 AT 18:30 AST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 51 58 N
LONG 66 27 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

SAINT JOHN RIVER AT OAK POINT - STATION NO 01AP003

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.022	2.030	1.266	2.004	3.098	1.956	1.220	1.080	1.396	1.295	1.074	1.512	1
2	0.989	1.974	1.268	2.234	2.991	1.913	1.138	1.065	1.331	[illegible].377	1.173	1.466	2
3	0.959	1.912	1.249	2.394	2.892	1.883	1.144	1.011	1.338	1.445	1.204	1.509	3
4	0.971	1.863	1.161	2.542	2.747	1.823	1.14[illegible]	1.007	1.384	1.522	1.228	1.683	4
5	0.923	1.874	1.107	2.693	2.611	1.788	1.124	1.082	1.383	1.612	1.292	1.772	5
6	0.954	1.866	1.082	2.802	2.525	1.738	1.108	1.177	1.378	1.634	1.308	1.789	6
7	0.900	1.827	1.120	2.871	2.459	1.648	1.051	1.198	1.380	1.629	1.313	1.705	7
8	0.894	1.842	1.154	2.928	2.354	1.565	1.142	1.237	1.338	1.588	1.240	1.658	8
9	0.957	1.806	1.169	2.987	2.258	1.557	1.251	1.377	1.329	1.562	1.187	1.538	9
10	0.989	1.750	1.198	3.066	2.223	1.546	1.315	1.505	1.307	1.535	1.154	1.508	10
11	1.023	1.718	1.235	3.045	2.191	1.525	1.343	1.522	1.285	1.480	1.144	1.433	11
12	1.069	1.692	1.169	3.006	2.164	1.466	1.285	1.528	1.315	1.397	1.147	1.445	12
13	1.108	1.622	1.101	2.965	2.065	1.387	1.188	1.498	1.383	1.340	1.208	1.418	13
14	1.101	1.539	1.093	2.911	1.915	1.343	1.120	1.472	1.444	1.350	1.194	1.375	14
15	1.045	1.479	1.096	2.833	1.707	1.281	1.144	1.444	1.447	1.398	1.138	1.315	15
16	0.960	1.390	1.035	2.743	1.481	1.214	1.163	1.418	1.473	1.431	1.106	1.296	16
17	0.872	1.268	0.970	2.670	1.342	1.213	1.154	1.437	1.507	1.435	1.125	1.272	17
18	0.845	1.188	0.878	2.609	1.263	1.225	1.194	1.415	1.536	1.428	1.158	1.242	18
19	0.798	1.140	0.866	2.578	1.203	1.214	1.265	1.465	1.537	1.366	1.137	1.265	19
20	0.867	1.119	0.930	2.572	1.199	1.228	1.278	1.513	1.519	1.312	1.164	1.269	20
21	0.978	1.106	0.938	2.606	1.250	1.257	1.270	1.501	1.455	1.305	1.151	1.204	21
22	1.037	1.100	0.992	2.718	1.360	1.269	1.295	1.530	1.346	1.283	1.135	1.167	22
23	1.088	1.135	0.994	2.861	1.489	1.265	1.286	1.510	1.309	1.231	1.016	1.199	23
24	1.095	1.187	1.024	3.141	1.618	1.282	1.283	1.486	1.346	1.170	0.980	1.147	24
25	1.124	1.191	1.011	3.336	1.785	1.310	1.267	1.503	1.354	1.112	0.999	1.126	25
26	1.160	1.255	1.090	3.410	1.972	1.335	1.229	1.527	1.331	1.043	1.031	1.126	26
27	1.268	1.291	1.169	3.433	2.109	1.333	1.192	1.546	1.258	0.998	1.208	1.133	27
28	1.673	1.295	1.321	3.407	2.173	1.355	1.127	1.623	1.211	1.003	1.354	1.132	28
29	2.019		1.430	3.343	2.183	1.337	1.153	1.581	1.166	1.001	1.460	1.143	29
30	2.122		1.554	3.228	2.157	1.263	1.095	1.523	1.197	1.043	1.503	1.208	30
31	2.105		1.764		2.097		1.071	1.488		1.048		1.283	31
MEAN	1.126	1.516	1.143	2.865	2.028	1.451	1.195	1.396	1.366	1.335	1.184	1.365	MEAN
MAX	2.122	2.030	1.764	3.433	3.098	1.956	1.343	1.623	1.537	1.634	1.503	1.772	MAX
MIN	0.798	1.100	0.866	2.004	1.199	1.213	1.051	1.007	1.166	0.998	0.980	1.126	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MEAN, 1.495
MAXIMUM DAILY, 3.433 ON APR 27
MINIMUM DAILY, 0.798 ON JAN 19
MAXIMUM INSTANTANEOUS,
3.677 AT 03 44 AST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 11 N
LONG 66 04 44 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SAINT JOHN - STATION NO 01AP005

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1.946	1.227	1.928	2.971	1.814	1.154	1.053	1.333	1.224	0.973	1.463	1
2	---	1.903	1.240	2.152	2.866	1.808	1.061	1.027	1.276	1.297	1.114	1.420	2
3	---	1.853	1.204	2.312	2.767	1.772	1.073	0.981	1.302	1.370	1.155	1.424	3
4	---	1.786	1.116	2.433	2.626	1.643	1.055	0.983	1.325	1.469	1.200	1.600	4
5	---	1.806	1.072	2.594	2.474	1.654	1.032	1.050	1.321	1.529	1.269	1.677	5
6	---	1.784	1.068	2.675	2.399	1.613	1.030	1.124	1.322	1.545	1.262	1.686	6
7	---	1.761	1.098	2.754	2.330	1.508	0.964	1.164	1.334	---	1.266	1.633	7
8	---	1.767	1.101	2.821	2.272	1.415	1.072	1.187	1.304	---	1.166	1.601	8
9	0.942A	1.737	1.121	2.894	2.169	1.428	1.172	1.316	1.277	---	1.130	1.452	9
10	0.976	1.687	1.147	2.791	2.108	1.402	1.253	1.475	1.263	---	1.084	1.426	10
11	1.022	1.636	1.225	2.819	2.147	1.383	1.282	1.474	1.217	---	1.098	1.359	11
12	1.052	1.616	1.159	2.903	2.148	1.345	1.233	1.478	1.243	---	1.095	1.357	12
13	1.085	1.549	1.104	2.850	2.000	1.272	1.126	1.428	1.320	---	1.154	1.341	13
14	1.085	1.468	1.097	2.788	1.839	1.228	1.082	1.423	1.388	---	1.136	1.262	14
15	1.022	1.404	1.115	2.719	1.643	1.135	1.110	1.374	1.384	---	1.083	1.225	15
16	0.901	1.327	1.031	2.654	1.432	1.074	1.125	1.368	1.434	---	1.073	1.208	16
17	0.827	1.194	0.986	2.570	1.310	1.083	1.106	1.401	1.466	---	1.082	1.181	17
18	0.796	1.131	0.894	2.509	1.220	1.117	1.134	1.374	1.452	---	1.115	1.169	18
19	0.753	1.098	0.885	2.483	1.164	1.127	1.221	1.471	1.473	---	1.153	1.191	19
20	0.824	1.062	0.950	2.464	1.186	1.130	1.237	1.489	1.462	---	1.111	1.193	20
21	0.937	1.043	0.936	2.510	1.219	1.167	1.225	1.472	1.400	---	1.183	1.155	21
22	0.997	1.063	0.974	2.603	1.315	1.152	1.244	1.494	1.294	---	1.131	1.115	22
23	1.066	1.081	0.993	2.771	1.461	1.142	1.255	1.467	1.248	---	0.960	1.113	23
24	1.050	1.156	1.049	3.060	1.579	1.170	1.230	1.435	1.274	---	0.906	1.075	24
25	1.047	1.173	1.025	3.230	1.749	1.216	1.199	1.450	1.264	---	0.941	1.055	25
26	1.099	1.241	1.111	3.307	1.901	1.242	1.183	1.462	1.239	---	0.953	1.079	26
27	1.196	1.253	1.206	3.334	2.009	1.231	1.185	1.475	1.171	---	1.130	1.087	27
28	1.583	1.261	1.355	3.298	2.078	1.239	1.137	1.553	1.110	---	1.287	1.095	28
29	1.938		1.441	3.243	2.048	1.251	1.138	1.506	1.061	---	1.399	1.099	29
30	2.051		1.528	3.121	2.040	1.191	1.113	1.436	1.107	0.988A	1.469	1.179	30
31	2.037		1.725		1.963		1.076	1.415		1.001		1.270	31
MEAN	---	1.457	1.135	2.753	1.949	1.332	1.145	1.347	1.302	---	1.136	1.296	MEAN
MAX	---	1.946	1.725	3.334	2.971	1.814	1.282	1.553	1.473	---	1.469	1.686	MAX
MIN	---	1.043	0.885	1.928	1.164	1.074	0.9[illegible]	0.961	1.061	---	0.906	1.055	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MAXIMUM DAILY, 3.334 ON APR 27
MINIMUM DAILY, 0.753 ON JAN 19
MAXIMUM INSTANTANEOUS,
3.530 AT 02 13 AST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 27 N
LONG 66 05 21 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SIMONDS - STATION NO. 01AJ009

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.989	46.763	44.678	46.330	44.738	43.508	42.672	42.593	43.157	43.136	42.878	43.095	1
2	42.934	46.804	44.832	48.214	44.554	43.507	42.889	42.434	43.094	43.433	42.643	43.295	2
3	43.050	46.769	44.572	50.080	44.422	43.506	42.737	42.540	43.108	43.559	42.740	43.507	3
4	43.023	46.715	44.506	46.517	44.224	43.228	42.612	42.933	43.003	43.431	42.732	43.747	4
5	42.850	46.824	44.416	46.338	44.030	43.208	42.539	43.161	42.901	43.269	42.884	43.505	5
6	42.696	46.551	44.483	45.881	43.892	43.138	42.404	43.285	42.733	43.186	42.726	43.423	6
7	42.785	46.526	44.631	45.136	43.764	42.980	42.739	42.937	42.661	43.124	42.590	43.878	7
8	42.982	46.579	44.696	44.672	43.682	42.775	42.870	43.112	42.717	43.315	42.588	44.072	8
9	42.875	46.371	44.477	44.386	43.610	43.005	43.224	43.463	42.728	42.932	42.689	45.063	9
10	43.025	46.142	44.479	44.152	43.704	43.205	43.274	43.487	42.819	43.242	42.829	45.827	10
11	42.883	45.822	44.138	43.957	43.629	42.868	43.148	43.445	42.792	42.943	42.805	45.698	11
12	42.960	45.872	44.113	43.970	43.521	42.890	42.634	43.391	43.044	42.910	43.003	45.853	12
13	42.970	45.623	44.635	44.065	43.385	42.818	42.723	43.268	43.172	42.912	42.885	45.468	13
14	43.019	45.495	43.928	44.303	43.230	42.808	42.757	43.185	43.849	42.911	42.787	45.291	14
15	43.041	45.489	44.001	44.420	42.941	42.500	42.837	42.973	43.904	42.921	42.252	45.077	15
16	42.986	45.209	43.699	44.580	43.008	42.661	42.905	43.018	43.613	42.860	42.604	44.957	16
17	42.982	44.987	43.720	44.714	42.806	42.627	43.050	42.831	43.387	42.750	42.682	45.129	17
18	42.733	45.266	43.671	44.898	42.934	42.500	43.068	42.770	43.112	42.886	42.745	44.987	18
19	42.737	45.151	44.188	45.025	42.883	42.539	42.929	43.115	43.083	42.560	42.833	44.908	19
20	43.020	44.999	44.572	45.067	42.761	42.648	42.574	43.183	43.085	42.762	42.799	44.750	20
21	43.455	45.173	44.748	45.081	43.036	42.527	42.789	42.870	42.537	42.676	42.258	44.807	21
22	43.464	45.154	44.024	45.321	43.372	42.204	42.757	42.876	42.979	42.753	42.190	44.712	22
23	42.936	45.210	43.645	45.816	43.494	42.302	42.806	42.912	42.821	42.593	42.538	44.677	23
24	43.413	44.640	43.554	45.611	43.552	42.528	42.689	43.091	42.836	42.743	42.897	44.554	24
25	43.301	44.534	44.022	45.342	44.403	42.633	42.514	43.336	43.095	42.696	42.834	44.137	25
26	43.244	45.004	43.978	45.256	44.770	42.780	42.407	44.046	43.083	42.621	42.841	43.946	26
27	44.056	44.861	44.775	45.309	44.516	43.009	42.292	44.111	43.172	42.527	42.865	44.221	27
28	47.036	44.842	45.270	45.262	44.228	43.097	42.561	43.907	43.143	42.622	42.694	44.148	28
29	47.201		45.280	45.087	43.989	42.615	42.512	43.642	43.062	42.586	42.726	44.290	29
30	46.876		45.681	44.915	43.825	43.028	42.705	43.481	43.097	42.624	42.899	44.352	30
31	46.765		46.285		43.848		42.590	43.297		42.832		44.302	31
MEAN	43.559	45.692	44.441	45.322	43.695	42.845	42.748	43.184	43.058	42.914	42.708	44.505	MEAN
MAX	47.201	46.824	46.285	50.080	44.770	43.508	43.274	44.111	43.904	43.559	43.003	45.853	MAX
MIN	42.696	44.534	43.554	43.957	42.761	42.204	42.292	42.434	42.537	42.527	42.190	43.085	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1986

MEAN, 43.709
MAXIMUM DAILY, 50.080 ON APR 3
MINIMUM DAILY, 42.190 ON NOV 22
MAXIMUM INSTANTANEOUS,
51.155 AT 18:22 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 15 N
LONG 67 33 19 W

REGULATED

DRAINAGE AREA,
35 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS - STATION NO. 01AF008

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	107.626	---	104.215	1
2	---	---	---	---	---	---	---	---	---	108.696	---	104.102	2
3	---	---	---	---	---	---	---	---	---	108.587	---	103.876	3
4	---	---	---	---	---	---	---	---	---	108.060	---	---	4
5	---	---	---	---	---	---	---	---	105.563	107.487	---	---	5
6	---	---	---	---	---	---	---	---	105.359	107.212	---	---	6
7	---	---	---	---	---	---	---	---	105.417	106.986	---	---	7
8	---	---	---	---	---	---	---	---	105.404	106.780	---	---	8
9	---	---	---	---	---	---	---	---	105.189	106.761	---	---	9
10	--	---	---	---	---	---	---	---	104.710	106.649	---	104.353	10
11	---	---	---	---	---	---	---	---	104.649	106.446	---	104.786	11
12	---	---	---	---	---	---	---	---	105.729	106.326	---	104.623	12
13	---	---	---	---	---	---	---	---	108.405	105.934	---	104.421	13
14	---	---	---	---	---	---	---	---	110.621	---	---	103.416	14
15	---	---	---	---	---	---	---	---	110.051	---	---	103.585	15
16	---	---	---	---	---	---	---	---	109.029	---	---	103.638	16
17	---	---	---	---	---	---	---	---	108.143	---	---	---	17
18	---	---	---	---	---	---	---	---	107.339	---	105.243	---	18
19	---	---	---	---	---	---	---	---	106.816	---	---	---	19
20	---	---	---	---	---	---	---	---	106.430	---	---	---	20
21	---	---	---	---	---	---	---	---	105.902	---	---	---	21
22	---	---	---	---	---	---	---	105.761	105.511	---	---	---	22
23	---	---	---	---	---	---	---	105.138	105.344	---	---	---	23
24	---	---	---	---	---	---	---	106.313	105.949	---	---	---	24
25	---	---	---	---	---	---	---	108.754	106.787	---	---	---	25
26	---	---	---	---	---	---	---	109.179	107.773	---	---	---	26
27	---	---	---	---	---	---	---	---	107.585	---	104.410	---	27
28	---	---	---	---	---	---	---	---	106.846	---	104.911	---	28
29	---		---	---	---	---	---	---	106.438	---	104.850	---	29
30	---		---	---	---	---	---	---	106.528	---	104.680	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 05 N
LONG 67 44 19 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - SPECIAL COSTING ARRANGEMENTS WITH DEPARTMENT OF FISHERIES AND OCEANS

SAINT JOHN RIVER BELOW MACTAQUAC - STATION NO. 01AK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173	1 010B	467	2 200E	2 330	982	192	455	358	812	748	374	1
2	182B	1 180	417	2 150E	2 170	1 050	455	142	582	809	395	441	2
3	423B	1 140	186	2 820A	1 990	997	485	145	844	989	420	614	3
4	100B	1 230	163	4 350	1 450	982	464	851	570	982	621	892	4
5	102B	822	237	4 090	1 690	948	433	786	557	712	552	970	5
6	142B	1 250	378	3 370	1 480	574	129	744	418	870	583	885	6
7	307B	967B	716	2 350	1 350	466	747	576	316	812	386	847	7
8	233B	715	579	2 300	1 190	445	954	1 050	563	682	253	883	8
9	125B	521	395	2 180	1 870	748	959	1 290	564	774	236	498	9
10	144B	532	477	1 800	1 800	661	959	894	823	844	686	497B	10
11	196B	514	189	1 730	1 510	786	698	737	654	642	468	625B	11
12	178B	576	161	1 690	1 450	423	104	815	810	433	801	679B	12
13	241B	575	264	2 140	925	598	123	942	1 290	463	641	575B	13
14	256B	504	178	2 280	540	307	392	760	810	590	581	375B	14
15	301B	459	132	2 150	138	327A	612	650	968	648	218	510B	15
16	136B	403	81.0	2 300	83.8	420E	409	738	895	616	240	431B	16
17	102B	445	80.9	2 330	91.7	522E	518	427	945	656	479	503B	17
18	163B	411	73.5	2 350	93.3	446E	726	623	912	525	531	470B	18
19	118B	412	274	2 330	154	436E	445	682	712	186	683	469B	19
20	301B	331	335	2 360	555	449E	117	609	583	600	646	392B	20
21	258B	427	521	2 380	855	320E	433	653	165	529	190	448B	21
22	493	491	118	2 530	885	149E	399	616	499	476	122	594B	22
23	341B	427	83.1	3 980	1 090	415E	442	480	757	485	113	546B	23
24	546	199	163 A	3 820	1 040	428E	453	522	661	593	106	405B	24
25	176B	263	253 E	3 200	1 710	594E	437	897	776	486	364	185B	25
26	181	491	144 E	3 100	2 470	715E	271	1 350	679	286	672	389B	26
27	1 020B	265B	454 E	2 950	2 280	732A	125	1 430	705	417	679	295B	27
28	2 040B	311B	585 E	3 010	1 850	717	542	1 380	473	416	619	200B	28
29	1 620B		804 E	2 590	1 640	174	462	1 220	677	453	624	519B	29
30	1 200B		1 100 E	2 480	1 260	503	482	1 080	848	355	645	597B	30
31	1 290B		1 630 E		696		584	772		478		394B	31
TOTAL	13 006	16 871	11 668.5	79 310	38 436.8	17 314	14 551	24 106	20 254	18 610	14 312	16 412	TOTAL
MEAN	420	603	376	2 640	1 240	577	469	778	675	600	477	529	MEAN
MAX	2 040	1 250	1 630	4 350	2 470	1 050	959	1 430	1 290	982	801	970	MAX
MIN	100	199	73.5	1 690	83.8	149	104	142	165	186	106	185	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 780
MAXIMUM DAILY, 4 350 ON APR 4
MINIMUM DAILY, 73.5 ON MAR 18
MAXIMUM INSTANTANEOUS,
4 680 AT 11:45 AST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 44 N
LONG 66 49 51 W
DRAINAGE AREA, 39 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 120 000	JUL	1 280 000
FEB	1 460 000	AUG	2 080 000
MAR	1 010 000	SEP	1 750 000
APR	6 850 000	OCT	1 610 000
MAY	3 320 000	NOV	1 240 000
JUN	1 500 000	DEC	1 420 000

TOTAL DISCHARGE, 24 600 000 dam³

SAINT JOHN RIVER NEAR EAST FLORENCEVILLE - STATION NO. 01AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	169B	859B	322 B	884B	2 070	899	416	375	647	649	541	461	1
2	135B	883B	289 B	1 620B	1 870	902	543	270	623	877	422	475	2
3	209B	837B	264 B	2 960B	1 720	887	461	369	629	930	454	468	3
4	150B	826B	227 B	3 300	1 500	687	383	562	556	843	456	628	4
5	131B	817B	246 B	3 670	1 310	678	347	682	517	730	405	626	5
6	102B	697B	198 B	3 050	1 200	679E	281	750	445	692	415	604B	6
7	155B	669B	320 B	2 410	1 080	608E	471	805	366	657	403	737B	7
8	156B	648B	265 B	1 910	1 030	466	527	663	452	777	363	614	8
9	151B	530B	191 B	1 610	975	615	709	843	397	547	382	571B	9
10	164B	569B	300 B	1 410	1 060	683	742	863	478	738	549	463B	10
11	178B	388B	150 B	1 240	978	506	655	842	459	535	439	510B	11
12	141B	469B	241 B	1 260	904	411	385	811E	581	540	611	570B	12
13	157B	388B	207 B	1 350	812	470	420	725E	655	525	531	491B	13
14	184B	417B	158 B	1 570	718	373	487	704E	1 210	594	443	453B	14
15	172B	418B	123 B	1 710	535	300	495	566E	1 220	572	222	381B	15
16	186B	313B	71.9 B	1 890	613	418	532	607E	977	508E	392	422B	16
17	149B	333B	121 B	2 040	490	363	584	442E	791	482E	394	473B	17
18	106B	357B	113 B	2 270	535	352	634	532A	641	534E	464	403B	18
19	167B	333B	267 B	2 420	531	371	519	698	624	388E	479	449	19
20	188B	288B	253 B	2 450	491	409	391	653	629	470E	415	391	20
21	331B	329B	259 B	2 480	635	373	490	496	361	443A	166	405B	21
22	249B	416B	109 B	2 840	811	149	452	503	561	460	198	434B	22
23	252B	375B	74.1 B	3 480	882	330	442	522	496	385	189	407B	23
24	289B	179B	134 B	3 180	919	333	393	605	490	442	288	414	24
25	198B	299B	145 B	2 800	1 760	444	304	806	630	431	407	261	25
26	296B	365B	147 B	2 710	2 100	528	275	1 330	612	394	421	289	26
27	582B	300B	432 B	2 770	1 810	620	264	1 370	699	321	459	325B	27
28	1 060B	234B	435 B	2 710	1 510	645	380	1 190	645	430	399	307B	28
29	940B		500 B	2 490	1 290	349	341	893	606	353	436	346B	29
30	788B		578 B	2 290	1 140	618	413	869	631	435	474	373B	30
31	811B		759 B		996		360	742		502		347B	31
TOTAL	8 946	13 536	7 899.0	68 734	34 275	15 466	14 036	21 988	18 628	17 184	12 217	14 097	TOTAL
MEAN	289	483	255	2 290	1 110	516	453	709	621	554	407	455	MEAN
MAX	1 060	883	759	3 670	2 100	902	742	1 370	1 220	930	611	737	MAX
MIN	102	179	71.9	884	490	149	254	270	361	321	186	261	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 677
MAXIMUM DAILY, 3 670 ON APR 5
MINIMUM DAILY, 71.9B ON MAR 16
MAXIMUM INSTANTANEOUS,
4 410 AT 22:45 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 12 N
LONG 67 35 23 W
DRAINAGE AREA, 34 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	773 000	JUL	1 210 000
FEB	1 170 000	AUG	1 900 000
MAR	682 000	SEP	1 610 000
APR	5 940 000	OCT	1 480 000
MAY	2 960 000	NOV	1 060 000
JUN	1 340 000	DEC	1 220 000

TOTAL DISCHARGE, 21 300 000 dam³

NEW BRUNSWICK

SALMON RIVER AT CASTAWAY - STATION NO. 01AN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20B	35.0 B	3.55B	165 B	46.7	24.0	5.47	47.2	13.4	18.8	5.91	33.0 B	1
2	4.02B	25.0 B	3.48B	152 B	42.8	38.8	5.14	32.6	11.4	18.3	6.14	14.0 B	2
3	3.90B	20.0 B	3.42B	148	38.5	52.3	4.80	21.8	10.6	15.4	7.24	15.0 B	3
4	3.75B	15.5 B	3.38B	122	33.4	38.0	4.46	19.3	9.70	14.0	7.17	60.0 B	4
5	3.60B	13.0 B	3.30B	99.3	30.1	29.8	4.44	15.6	8.62	15.7	6.78	73.0 B	5
6	3.50B	11.5 B	3.23B	72.5	27.2	25.3	4.80	12.0	7.89	14.3	5.25	61.3	6
7	3.37B	10.3 B	3.18B	57.2	24.4	20.5	4.43	9.61	8.21	13.0	5.93	45.0	7
8	3.25B	9.20B	3.12B	46.2	21.9	20.0	4.01	9.98	7.36	11.7	5.98	40.5	8
9	3.13B	8.30B	3.06B	68.6	19.6	41.2	3.83	21.7	6.65	10.9	6.14	33.0 B	9
10	3.05B	7.40B	3.02B	128	18.1	32.2	3.58	32.6	6.44	10.7	7.81	27.0 B	10
11	2.98B	6.80B	2.98B	140	16.8	23.4	3.32	27.6	7.33	9.84	7.46	23.0 B	11
12	2.89B	6.30B	2.92B	161	15.5	19.0	3.19	21.2	31.7	9.23	6.84	18.0 B	12
13	2.80B	5.90B	2.88B	172	14.4	16.0	3.13	16.4	43.3	8.49	6.60	16.5 B	13
14	2.72B	5.70B	2.84B	144	13.3	14.2	2.95	12.1	27.6	8.46	6.00B	14.0 B	14
15	2.67B	5.40B	2.82B	121	12.3	12.8	4.78	9.68	18.7	9.93	6.30B	12.0 B	15
16	2.60B	5.20B	2.80B	106	11.3	11.4	6.44	8.43	14.7	9.68	5.80B	10.8 B	16
17	2.53B	5.00B	2.78B	103	10.9	10.5	6.29	8.05	12.6	8.78	6.30B	9.30B	17
18	2.49B	4.80B	2.76B	83.8	10.6	9.26	6.31	7.45	10.6	7.96	6.00B	8.77B	18
19	2.45B	4.62B	2.90B	73.3	10.0	8.02	7.78	52.7	9.40	7.60	5.20B	8.10B	19
20	3.00B	4.52B	5.00B	60.1	9.45	7.18	6.70	58.6	8.62	7.14	5.80B	7.70B	20
21	5.50B	4.40B	10.4 B	64.6	9.03	6.87	5.28	37.9	7.76	6.88	6.00B	7.40B	21
22	8.24B	4.22B	15.0 B	64.5	9.46	6.36	4.48	26.2	7.10	6.70	6.40B	7.20B	22
23	23.0 B	4.16B	23.0 B	86.7	19.7	5.97	3.80	18.1	7.49	6.86	9.20B	7.00B	23
24	19.0 B	4.02B	20.0 B	183	72.2	5.65	3.26	17.3	21.6	6.81	8.80B	7.20B	24
25	16.5 B	3.95B	18.0 B	164	121	5.36	2.74	34.0	28.5	6.67	17.0 B	7.60B	25
26	13.0 B	3.85B	17.0 B	110	82.7	5.17	2.77	41.9	29.3	6.35	18.0 B	9.60B	26
27	25.0 B	3.79B	30.0 B	94.5	53.0	4.85	9.53	32.3	23.2	6.15	30.0 B	15.0 B	27
28	46.0 B	3.70B	44.0 B	77.2	39.8	5.46	9.57	36.6	17.8	6.11	68.0 B	11.5 B	28
29	76.0 B		48.0 B	63.0	35.8	5.94	9.73	28.3	14.7	6.00	60.0 B	10.5 B	29
30	59.0 B		70.0 B	52.9	30.8	5.67	8.21	20.9	14.3	5.98	50.0 B	9.80B	30
31	48.0 B		120 B		26.8		14.1	16.6		6.09		9.40B	31
TOTAL	402.14	241.61	478.86	3 153.4	927.14	510.93	169.10	755.10	446.57	300.21	406.05	637.17	TOTAL
MEAN	13.0	8.63	15.4	105	29.9	17.0	5.45	24.4	14.9	9.68	13.5	20.6	MEAN
MAX	76.0	35.0	120	183	121	52.3	14.1	58.6	43.3	18.8	68.0	73.0	MAX
MIN	2.45	3.70	2.76	46.2	9.03	4.85	2.74	7.45	6.44	5.98	5.20	7.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.1
MAXIMUM DAILY, 183 ON APR 24
MINIMUM DAILY, 2.45B ON JAN 19
MAXIMUM INSTANTANEOUS,
203 AT 12:00 AST ON APR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 28 N
LONG 65 43 24 W
DRAINAGE AREA, 1 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 700	JUL	14 600
FEB	20 900	AUG	65 200
MAR	41 400	SEP	38 600
APR	272 000	OCT	25 900
MAY	80 100	NOV	35 100
JUN	44 100	DEC	55 100

TOTAL DISCHARGE, 728 000 dam³

SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY - STATION NO. 01AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	9.00 B	0.980B	23.6	11.7	6.07	0.773	1.55	1.14	1.69	0.967	2.60B	1
2	1.11 B	6.20 B	0.920B	25.6	10.9	6.55	0.898	1.70	1.10	1.57	1.04	2.40B	2
3	1.09 B	5.40 B	0.880B	23.8	9.74	6.78	0.765	2.10	1.07	1.39	1.11	2.25B	3
4	1.05 B	4.60 B	0.850B	21.2	8.85	6.40	0.758	2.21	0.988	1.56	1.09	4.40B	4
5	1.02 B	4.10 B	0.840B	18.3	8.00	6.07	0.703	1.77	0.906	1.64	1.09	6.00B	5
6	0.990B	3.50 B	0.820B	15.5	7.35	5.48	0.658	1.41	0.938	1.57	1.05	5.30B	6
7	0.960B	3.10 B	0.800B	13.5	6.87	4.86	0.626	1.26	0.924	1.59	1.03	4.70B	7
8	0.930B	2.75 B	0.780B	11.8	6.21	5.03	0.658	1.34	0.885	1.66	1.02	4.20B	8
9	0.910B	2.48 B	0.760B	10.7	5.57	5.93	0.637	1.43	0.808	1.85	1.17	3.70B	9
10	0.890B	2.22 B	0.740B	10.4	5.17	5.45	0.600	1.42	0.735	1.66	1.31	3.35B	10
11	0.865B	2.00 B	0.800B	10.0	4.72	5.12	0.523	1.40	0.688	1.54	1.28	3.10B	11
12	0.850B	1.84 B	0.840B	12.7	4.11	4.68	0.432	1.44	1.15	1.42	1.22	2.85B	12
13	0.830B	1.71 B	0.780B	16.2	3.84	4.19	0.427	1.38	1.14	1.35	1.24	2.70B	13
14	0.810B	1.60 B	0.760B	16.3	3.51	3.58	0.473	1.22	1.06	1.38	1.22 B	2.52B	14
15	0.785B	1.50 B	1.00 B	15.1	3.20	3.22	0.712	1.09	0.962	1.39	1.18 B	2.40B	15
16	0.790B	1.41 B	1.26 B	15.6	2.90	3.01	0.842	1.07	0.878	1.33	1.19	2.30B	16
17	0.784B	1.33 B	1.17 B	14.9	2.70	2.74	0.807	1.05	0.823	1.27	1.21	2.19B	17
18	0.820B	1.28 B	1.08 B	14.5	2.88	2.30	1.06	1.04	0.747	1.26	1.22	2.07B	18
19	0.880B	1.22 B	1.30 B	13.6	2.71	2.01	1.50	0.982	0.727	1.18	1.18 B	1.99B	19
20	1.50 B	1.18 B	2.80 B	12.5	2.64	1.71	1.30	0.960	0.710	1.11	1.10 B	1.92B	20
21	3.20 B	1.13 B	3.12 B	11.4	2.56	1.50	1.17	0.890	0.652	1.08	1.50 B	1.85B	21
22	3.55 B	1.07 B	2.80 B	13.0	2.47	1.36	0.935	0.840	0.621	1.05	2.55	1.78B	22
23	3.25 B	1.14 B	2.55 B	15.5	3.14	1.26	0.869	0.692	0.642	1.03	2.68	1.72B	23
24	3.00 B	1.10 B	2.45 B	24.7	5.66	1.12	0.813	0.976	0.884	0.994	2.64	1.68B	24
25	2.80 B	1.08 B	2.30 B	25.4	8.87	1.04	0.682	1.38	1.05	0.945	2.50 B	1.62B	25
26	2.50 B	1.03 B	2.20 B	23.3	11.7	0.905	0.665	1.28	1.05	0.913	2.40 B	2.30B	26
27	5.86 B	1.00 B	3.70 B	20.1	11.0	0.782	0.679	1.40	0.986	0.928	3.75 B	2.10B	27
28	20.2 B	0.980B	5.00 B	17.5	9.23	0.880	0.634	1.60	0.929	0.957	3.45 B	2.00B	28
29	25.7		7.50 B	15.4	7.95	0.888	0.605	1.53	0.903	1.01	3.20 B	1.90B	29
30	22.1		11.0 B	13.3	7.04	0.885	0.610	1.36	1.33	1.07	2.95 B	1.80B	30
31	17.6		24.9		6.38		0.852	1.24		1.01		1.72B	31
TOTAL	128.784	67.180	87.870	495.4	190.55	101.780	23.517	40.990	27.726	40.397	50.547	83.41	TOTAL
MEAN	4.15	2.40	2.83	16.5	6.15	3.39	0.759	1.32	0.924	1.30	1.68	2.69	MEAN
MAX	25.7	9.00	24.9	25.6	11.7	6.78	1.50	2.21	1.33	1.85	3.75	6.00	MAX
MIN	0.784	0.980	0.740	10.0	2.47	0.782	0.427	0.692	0.621	0.913	0.967	1.62	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.67
MAXIMUM DAILY, 25.7 ON JAN 29
MINIMUM DAILY, 0.427 ON JUL 13
MAXIMUM INSTANTANEOUS,
27.5 AT 13:30 AST ON JAN 29

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 42 N
LONG 67 19 20 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 100	JUL	2 030
FEB	5 800	AUG	3 540
MAR	7 580	SEP	2 400
APR	42 800	OCT	3 490
MAY	16 500	NOV	4 370
JUN	8 790	DEC	7 210

TOTAL DISCHARGE, 116 000 dam³

SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE - STATION NO. 01BO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0B	165 B	39.5B	290B	393	121	42.9	50.6	42.2	105	43.8	62.0B	1
2	29.0B	145 B	38.5B	400B	339	150	40.2	61.6	38.8	129	43.8	44.0B	2
3	28.5B	135 B	37.0B	470B	313	183	37.?	58.7	37.0	111	43.4	36.5B	3
4	28.0B	120 B	35.5B	420B	273	151	35.6	56.4	36.2	93.7	43.2	38.0B	4
5	27.5B	110 B	34.5B	380B	237	125	34.4	51.7	34.1	92.2	41.2	140 B	5
6	27.2B	105 B	33.5B	348	210	112	34.5	42.4	33.2	95.3	34.2	185 B	6
7	27.0B	100 B	32.5B	308	191	99.5	34.8	36.6	35.6	89.2	33.6	125 B	7
8	26.8B	92.0B	31.5B	252	175	98.8	34.1	36.4	38.3	84.4	40.6	110 B	8
9	26.5B	88.0B	30.5B	219	161	141	33.4	75.1	35.9	79.1	44.1	96.0B	9
10	26.0B	85.3B	29.8B	234	149	140	31.9	182	33.3	72.8	50.1	88.0B	10
11	25.8B	81.0B	29.0B	236	137	113	30.0	142	33.0	68.3	69.3	80.0B	11
12	25.5B	77.0B	28.0B	269	128	96.0	29.1	102	78.3	64.3	60.9	74.0B	12
13	25.2B	74.0B	27.5B	323	119	83.2	28.3	80.6	262	61.6	52.8	69.0B	13
14	24.9B	70.0B	27.0B	365	108	76.7	27.6	64.3	199	59.6	38.2	66.0B	14
15	24.5B	66.0B	26.5B	397	101	72.9	34.4	52.2	138	60.1	27.3	63.0B	15
16	24.2B	66.0B	26.0B	404	93.5	68.2	60.9	45.4	104	60.8	34.2	59.0B	16
17	24.0B	63.0B	25.6B	461	88.4	63.8	58.0	52.1	84.9	58.5	46.1	56.0B	17
18	23.8B	61.0B	24.5B	518	86.5	68.1	55.2	61.4	72.7	55.3	40.0B	53.0B	18
19	23.5B	59.0B	30.0B	480	83.5	67.0	58.4	56.7	64.6	51.6	37.0B	51.0B	19
20	28.0B	56.0B	42.0B	433	78.8	58.3	67.0	63.2	59.4	48.9	35.0B	48.0B	20
21	88.2	55.0B	58.0B	421	76.5	52.0	55.0	60.6	55.6	46.4	32.0B	46.0B	21
22	41.0B	53.0B	50.0B	459	80.5	47.8	42.9	51.8	50.5	45.8	28.0B	44.0B	22
23	47.0B	51.0B	45.0B	685	107 A	44.5	36.7	44.8	48.9	45.0	27.5B	42.0B	23
24	58.0B	49.0B	42.0B	762A	160 E	42.5	32.3	43.3	80.6	46.5	36.0B	41.0B	24
25	69.0B	47.0B	40.0B	790A	220 E	40.1	29.6	57.2	147	50.7	46.0B	40.0B	25
26	66.0B	45.0B	38.0B	759	205 E	39.0	27.8	86.8	141	50.1	57.0B	39.0B	26
27	59.0B	44.0B	43.5B	744	185 E	37.9	32.7	71.5	116	46.4	66.0B	52.0B	27
28	105 B	42.5B	100 B	668	170 E	39.3	48.2	63.3	93.6	44.5	95.0B	61.0B	28
29	255 B		129 B	561	150 E	44.5	48.0	66.6	78.3	44.4	100 B	58.0B	29
30	200 B		160 B	470	143 A	45.7	42.0	58.2	72.6	44.6	74.0B	54.0B	30
31	180 B		220 B		131		38.7	49.6		43.8		52.0B	31
TOTAL	1 694.1	2 207.8	1 554.4	13 526	5 092.7	2 521.2	1 252.0	2 025.1	2 344.6	2 048.9	1 420.3	2 072.5	TOTAL
MEAN	54.6	78.9	50.1	451	164	84.1	40.4	65.3	78.2	66.1	47.3	66.9	MEAN
MAX	255	165	220	790	393	183	68.0	182	262	129	100	185	MAX
MIN	23.5	42.5	24.5	219	76.5	37.9	27.6	36.4	33.0	43.8	27.3	36.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 103
MAXIMUM DAILY, 790A ON APR 25
MINIMUM DAILY, 23.5B ON JAN 19
MAXIMUM INSTANTANEOUS,
836E AT 03:00 AST ON APR 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 10 N
LONG 65 49 36 W
DRAINAGE AREA, 5 050 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	146 000	JUL	108 000
FEB	191 000	AUG	175 000
MAR	134 000	SEP	203 000
APR	1 170 000	OCT	177 000
MAY	440 000	NOV	123 000
JUN	218 000	DEC	179 000

TOTAL DISCHARGE, 3 260 000 dam^3

SPEDNIC LAKE AT ST. CROIX - STATION NO. 01AR010

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	115.080	115.322	115.133	115.221	116.715	117.146	116.966	116.517	116.292	115.767	115.289	115.375	1
2	115.080	115.362	115.123	115.322	116.774	117.168	116.929	116.499	116.307	115.718	115.315	115.383	2
3	115.079	115.386	115.102	115.405	116.786	117.172	116.900	116.483	116.308	115.684	115.297	115.404	3
4	115.093	115.412	115.086	115.486	116.793	117.168	116.888	116.472	116.321	115.640	115.311	115.486	4
5	115.065	115.416	115.065	115.551	116.800	117.164	116.864	116.464	116.31?	115.623	115.308	115.548	5
6	115.053	115.426	115.036	115.595	116.817	117.167	116.815	116.440	116.319	115.606	115.287	115.597	6
7	115.034	115.426	115.001	115.644	116.818	117.164	116.831	116.422	116.317	115.566	115.297	115.631	7
8	115.014	115.427	114.958	115.691	116.836	117.179	116.848	116.428	116.305	115.500	115.288	115.653	8
9	114.994	115.427	114.928	115.748	116.866	117.232	116.847	116.428	116.287	115.479	115.301	115.669	9
10	114.973	115.425	114.926	115.785	116.876	117.197	116.848	116.420	116.279	115.450	115.317	115.689	10
11	114.947	115.416	114.918	115.829	116.875	117.193	116.828	116.400	116.278	115.400	115.281	115.715	11
12	114.921	115.405	114.882	115.860	116.875	117.183	116.799	116.402	116.285	115.365	115.276	115.722	12
13	114.906	115.385	114.819	115.898	116.87?	117.192	116.769	116.381	116.297	115.328	115.327	115.726	13
14	114.899	115.390A	114.779	115.94?	116.943	117.185	116.764	116.365	116.298	115.308	115.316	115.730	14
15	114.886	115.366A	114.816	115.996	116.984	117.168	116.771	116.338	116.248	115.348	115.276	115.741	15
16	114.862	115.356A	114.829	116.044	116.976	117.149	116.766	116.326	116.219	115.329	115.265	115.739	16
17	114.836	115.341A	114.773	116.084	116.966	117.189	116.762	116.327	116.187	115.323	115.257	115.727	17
18	114.808	115.320A	114.683	116.119	116.969	117.156	116.749	116.306	116.161	115.327	115.271	115.717	18
19	114.787	115.301A	114.714	116.153	116.965	117.139	116.740	116.289	116.147	115.330	115.267	115.693	19
20	114.781	115.289A	114.815	116.172	116.952	117.128	116.721	116.268	116.132	115.319	115.244	115.684	20
21	114.796	115.273A	114.817	116.188	116.951	117.113	116.712	116.241	116.101	115.301	115.250	115.681	21
22	114.800	115.265	114.805	116.232	116.949	117.097	116.675	116.235	116.081	115.313	115.276	115.670	22
23	114.801	115.246	114.803	116.313	116.962	117.078	116.669	116.202	116.026	115.329	115.257	115.655	23
24	114.789	115.224	114.797	116.397	117.022	117.080	116.637	116.201	116.003	115.327	115.244	115.640	24
25	114.783	115.212	114.799	116.474	117.064	117.087	116.621	116.265	115.961	115.306	115.236	115.626	25
26	114.775	115.200	114.820	116.537	117.092	117.036	116.604	116.253	115.925	115.297	115.242	115.616	26
27	114.846	115.182	114.882	116.595	117.123	117.002	116.594	116.260	115.883	115.293	115.309	115.602	27
28	115.034	115.160	114.911	116.627	117.132	116.986	116.567	116.283	115.835	115.306	115.326	115.591	28
29	115.146		114.947	116.653	117.141	116.989	116.542	116.291	115.794	115.318	115.341	115.579	29
30	115.217		115.001	116.692	117.139	116.980	116.524	116.290	115.779	115.328	115.354	115.569	30
31	115.275		115.102		117.135		116.530	116.306		115.305		115.569	31
MEAN	114.948	115.335	114.906	116.003	116.941	117.129	116.745	116.349	116.156	115.414	115.288	115.627	MEAN
MAX	115.275	115.427	115.133	116.692	117.141	117.232	116.966	116.517	116.321	115.767	115.354	115.741	MAX
MIN	114.775	115.160	114.683	115.221	116.715	116.986	116.524	116.201	115.779	115.293	115.236	115.375	MIN

WATER LEVELS IN METRES

MEAN, 115.906
MAXIMUM DAILY, 117.232 ON JUN 9
MINIMUM DAILY, 114.683 ON MAR 18
MAXIMUM INSTANTANEOUS,
117.265 AT 12:56 AST ON JUN 9

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 09 N
LONG 67 25 41 W

A - MANUAL GAUGE

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ST. CROIX RIVER AT BARING - STATION NO. 01AR005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.5B	114	54.4	152	92.6	49.8	47.0	51.8	63.7	77.3	24.6	51.2	1
2	25.5B	94.9	43.6	227	91.2	58.0	47.9	49.6	48.4	80.7	25.9	83.1	2
3	25.5B	92.3	53.0	216	89.8	55.5	42.2	49.8	37.1	67.4	28.8	107	3
4	24.9B	90.9	54.1	191	89.5	51.5	40.5	44.7	49.8	72.2	29.2	143	4
5	26.6B	88.3	49.3	180	88.9	45.9	25.8	46.7	43.6	61.7	27.4	139	5
6	28.3B	82.1	55.4	151	77.3	52.4	25.9	51.5	32.3	70.5	27.8	119	6
7	26.9B	72.8	54.9	129	83.3	49.8	26.7	53.0	29.4	77.3	25.5	84.9	7
8	25.2B	62.6	48.1	125	83.5	47.9	33.1	46.2	34.3	78.7	25.4	85.2	8
9	26.6B	61.7	53.0	115	82.4	47.0	32.8	45.3	39.9	76.5	25.5	88.9	9
10	25.9B	56.6	53.8	105	75.9	49.5	28.6	40.5	45.3	75.6	25.5	83.3	10
11	26.3B	60.9	44.2	95.6	57.2	49.3	26.2	46.7	74.2	77.6	26.7	76.7	11
12	25.6B	54.4	49.8	118	57.8	43.6	28.2	49.3	81.6	64.0	27.7	86.0	12
13	25.5B	58.0	50.1	123	51.5	33.7	28.6	48.1	68.0	75.9	26.9	87.7	13
14	25.3B	58.6	52.4	117	44.5	28.6	28.9	48.4	60.3	57.8	26.9	88.5	14
15	25.2B	57.5	56.9	126	32.0	42.8	36.5	45.0	58.0	71.4	32.0	67.1	15
16	25.1B	57.8	56.9	115	30.0	38.5	28.6	48.7	68.5	58.3	28.0	67.1	16
17	25.1B	57.8	61.2	109	30.3	47.0	27.0	47.6	71.4	53.9	27.8	35.4	17
18	25.5B	54.9	66.5	92.9	28.3	45.3	32.8	48.4	75.0	41.9	27.8	66.8	18
19	26.1	58.0	72.2	90.3	28.6	39.1	28.5	50.1	80.7	30.3	32.8	67.4	19
20	34.3	55.5	88.9	88.6	29.7	28.2	28.6	47.9	78.2	34.8	25.2	66.5	20
21	48.7	57.8	79.3	88.1	29.7	26.1	28.6	49.3	72.5	43.0	27.0	69.1	21
22	39.6	59.5	74.8	90.9	29.7	24.6	33.7	48.4	77.9	33.7	30.6	64.8	22
23	33.4	51.5	62.0	93.4	30.3	24.7	41.1	69.1	78.4	31.4	32.0	60.6	23
24	33.7	55.5	64.8	131	54.9	30.6	45.3	84.1	82.1	30.6	50.1	55.8	24
25	49.8	55.5	64.0	154	64.8	28.1	52.4	92.3	81.3	30.2	50.1	54.1	25
26	54.1	53.8	87.4	153	67.7	28.3	46.7	91.5	75.8	26.6	34.0	72.5	26
27	76.2	55.8	74.5	178	65.4	28.2	38.5	91.5	73.9	32.3	43.0	61.4	27
28	118	55.2	84.9	140	63.1	38.5	39.9	91.7	63.7	31.4	48.4	63.7	28
29	170		96.8	105	54.4	28.2	50.1	88.8	74.2	30.9	51.8	64.3	29
30	189		98.3	96.0	54.9	41.1	48.4	88.3	84.1	28.6	51.5	46.4	30
31	147		104		54.7		51.8	84.1		27.5		29.2	31
TOTAL	1 484.2	1 834.2	2 000.5	3 896.8	1 813.9	1 202.2	1 123.0	1 839.2	1 903.7	1 648.0	965.3	2 285.8	TOTAL
MEAN	47.9	65.5	64.5	130	58.5	40.1	36.2	59.3	63.5	53.2	32.2	73.8	MEAN
MAX	189	114	104	227	92.6	58.0	52.4	92.3	84.1	80.7	51.8	143	MAX
MIN	24.9	51.6	43.6	88.1	28.3	24.6	25.8	40.5	29.4	28.6	24.6	29.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.3
MAXIMUM DAILY, 227 ON APR 2
MINIMUM DAILY, 24.6 ON JUN 22
MAXIMUM INSTANTANEOUS,
242 AT 12:45 EST ON APR 2

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 12 N
LONG 67 19 05 W
DRAINAGE AREA, 3 550 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	128 000	JUL	97 000
FEB	158 000	AUG	159 000
MAR	173 000	SEP	164 000
APR	337 000	OCT	142 000
MAY	157 000	NOV	83 400
JUN	104 000	DEC	184 000

TOTAL DISCHARGE, 1 900 000 dam³

ST. CROIX RIVER AT VANCEBORO - STATION NO. 01AR004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.2	6.63	19.6	6.57	6.31	20.8	23.4	21.8	8.52	36.8	7.22	16.0	1
2	19.0	6.68	19.4	6.43	6.23	15.8	25.2	21.7	8.52	36.2	7.22	16.0	2
3	18.8	6.74	19.2	6.37	6.23	13.5	25.3	21.7	8.52	35.7	7.22	11.2	3
4	18.9	6.88	19.0	6.51	6.23	13.6	25.2	21.7	8.52	35.7	7.22	6.97	4
5	18.7	10.8	23.9	6.63	5.97	13.6	25.1	21.6	13.8	35.4	7.22	6.97	5
6	18.8	12.9	26.0	6.71	6.60	18.5	25.0	21.5	16.0	34.8	7.22	6.99	6
7	18.6	12.5	25.7	6.65	6.71	20.9	18.0	21.5	16.0	34.5	7.22	7.02	7
8	18.3	12.9	25.5	6.63	6.48	20.9	13.0	21.5	18.7	34.0	7.22	7.14	8
9	18.2	12.9	25.1	6.40	6.48	16.0	13.0	21.5	20.6	33.4	7.22	7.16	9
10	18.0	16.8	20.8	6.31	6.48	13.5	13.0	21.5	20.4	33.1	7.22	7.16	10
11	17.8	19.1	17.6	6.37	6.48	13.5	19.6	21.4	20.5	32.6	8.61	9.88	11
12	17.6	18.9	21.2	6.48	7.56	13.5	22.7	21.3	20.5	32.0	9.23	11.5	12
13	17.5	18.9	29.4	6.54	8.01	18.8	22.7	21.2	20.6	31.7	9.34	11.5	13
14	17.4	18.9	28.9	6.54	8.01	21.3	16.5	21.1	20.5	21.9	9.32	11.5	14
15	16.8	18.7	21.6	6.48	9.63	21.3	12.8	21.0	27.3	11.4	9.32	13.7	15
16	16.3	18.5	16.7	6.37	10.8	16.9	12.7	20.9	30.6	8.16	9.32	15.0	16
17	16.8	20.0	26.5	6.37	13.0	14.1	12.7	20.9	30.3	7.31	9.32	16.5	17
18	15.7	20.9	32.0	6.37	13.0	13.9	18.1	20.8	30.6	7.31	9.32	21.2	18
19	16.5	20.8	20.5	6.37	13.1	13.9	22.7	20.7	29.7	7.31	9.17	21.1	19
20	16.5	20.7	7.56	6.43	13.1	18.9	22.6	26.6	29.7	7.31	9.40	21.0	20
21	16.6	20.6	13.8	6.46	13.1	21.0	22.6	30.9	29.4	7.31	9.15	21.0	21
22	16.6	20.4	16.8	6.54	13.1	21.0	22.5	30.6	36.0	7.31	9.23	20.9	22
23	16.7	20.3	16.8	6.37	13.1	20.5	22.4	30.3	39.4	7.31	9.23	20.9	23
24	16.6	20.2	16.7	6.23	13.3	21.3	22.3	20.0	39.1	7.31	11.7	20.8	24
25	16.5	20.1	14.4	6.23	13.3	21.3	22.3	9.54	38.8	7.22	15.3	20.7	25
26	16.5	20.0	6.60	6.34	13.4	21.2	22.1	8.47	38.5	7.22	15.3	20.7	26
27	12.8	19.8	6.77	6.37	13.5	20.9	22.1	8.47	37.9	7.11	15.7	20.7	27
28	6.63	19.7	6.03	6.54	13.5	20.9	22.0	8.50	37.4	7.08	15.7	20.6	28
29	6.40		6.06	6.54	13.5	20.8	21.9	8.52	37.1	7.19	15.8	20.5	29
30	6.48		6.17	6.46	18.5	20.8	21.8	8.52	37.1	7.28	15.9	20.4	30
31	6.51		6.37		20.9		21.8	8.62		7.31		20.3	31
TOTAL	494.82	462.43	564.45	193.61	325.61	541.9	634.1	604.24	769.68	596.25	297.56	474.79	TOTAL
MEAN	16.0	16.5	18.2	6.45	10.5	18.1	20.5	19.5	25.7	19.2	9.92	15.3	MEAN
MAX	19.2	20.9	32.0	6.71	20.9	21.3	25.3	30.9	39.4	36.8	15.9	21.2	MAX
MIN	6.40	6.63	6.07	6.23	5.97	13.5	12.7	8.47	8.52	7.08	7.22	6.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 39.4 ON SEP 23
MINIMUM DAILY, 5.97 ON MAY 5
MAXIMUM INSTANTANEOUS,
40.5 AT 16:00 EST ON SEP 22

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 08 N
LONG 67 25 47 W
DRAINAGE AREA, 1 080 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	42 800	JUL	54 800
FEB	40 000	AUG	52 200
MAR	48 800	SEP	66 500
APR	16 700	OCT	51 500
MAY	28 100	NOV	25 700
JUN	46 800	DEC	41 000

TOTAL DISCHARGE, 515 000 dam³

ST. FRANCIS RIVER AT OUTLET OF GLASIER LAKE - STATION NO. 01AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.87	20.6	8.15	28.5	86.7	36.1	27.3	16.8	39.1	24.8	22.8	14.4	1
2	5.81A	23.3	8.10	47.2	79.8	33.2	25.4	18.2	34.7	25.8	24.1	13.9	2
3	5.80E	25.6	8.06	75.5	72.1	30.7	23.8	21.2	30.9	26.8	24.1	13.9	3
4	5.76E	26.6	7.89	107	65.2	28.1	22.9	25.0	27.8	26.7	24.0	14.1	4
5	5.73	26.6	7.83	119	58.5	26.0	23.4	26.9	25.7	26.5	22.6	14.5	5
6	5.70	26.5	7.48	113	52.7	24.3	24.5	27.3	23.6	24.5	21.7	15.0	6
7	5.58	25.3	7.66	102	47.7	22.2	25.9	26.9	22.4	23.8	20.9	15.2	7
8	5.36	23.8	7.85	91.2	44.5	21.1	26.7A	25.8	22.0	22.9	20.1	15.5	8
9	5.14	22.0	7.44	80.2	41.8	20.4	25.9E	24.5	20.8	22.8	20.0	15.1	9
10	5.14	20.8	7.15	71.2	38.7	19.8	24.6E	23.3	20.2	23.1	20.3	15.2	10
11	5.11	19.0	7.61	63.5	35.9	19.7	23.5E	22.4	19.6	23.5	21.2	14.7	11
12	4.93	17.9	7.41	57.7	33.6	18.8	22.8E	21.6	20.9	24.2	22.5	14.2	12
13	4.76	16.7	7.28	54.9	31.5	17.7	21.9E	20.2	24.4	24.1	23.2	14.1	13
14	4.76	15.7	6.86	55.8	28.8	17.0	20.9	19.2	32.5	23.7	21.7	13.3	14
15	4.71	14.8	6.65	58.9	27.3	16.1	20.0	18.0	40.1	23.3	20.5	13.2	15
16	4.66	14.1	6.67	63.9	28.8	15.0	20.5	18.5	41.6	22.4	19.9	12.8	16
17	4.60	13.3	6.59	71.2	28.5	14.7	21.3	19.7	39.1	22.3	19.4	12.6	17
18	4.48	12.5	6.35	79.9	23.2	15.8	24.6	19.3	35.4	21.8	19.2	12.4	18
19	4.50	11.6	6.17	88.8	22.6	18.7	27.4	18.9	32.1	20.7	18.2	12.0	19
20	4.77	10.8	6.48	95.2	22.1	20.5	29.5	17.2	28.7	19.8	17.1	11.5	20
21	5.36	10.4	6.47	101	23.9	20.6	30.6	16.4	26.6	19.7	16.9	11.6	21
22	5.51	10.2	6.57	110	32.1	19.5	30.1	15.7	24.3	19.4	16.7	11.1	22
23	5.77	9.56	6.63	117	47.0	18.2	29.2	14.5	22.5	19.0	15.8	11.2	23
24	5.88	8.98	6.98	121	59.0	17.7	27.8	16.5	22.6	18.8	15.3	10.6	24
25	6.04	8.46	7.16	116	64.3	19.5	26.0	24.3	23.8	18.7	14.9	10.5	25
26	6.56	8.25	7.59	110	63.6	21.3	23.6	41.8	24.6	18.8	14.9	10.1	26
27	7.68	8.28	8.18	106	58.3	24.5	21.9	58.1	25.2	18.7	15.3	10.4	27
28	9.33	8.25	9.14	104	53.5	27.0	20.1	59.4	25.0	18.8	15.0	10.1	28
29	11.3		10.4	99.9	48.6	27.8	18.7	55.0	23.9	19.1	15.2	9.46	29
30	14.3		13.1	94.4	43.3	28.0	17.1	48.0	24.3	20.2	15.0	9.61	30
31	17.6		18.1		39.5		16.5	43.7		21.1		9.47	31
TOTAL	198.50	459.88	245.60	2 603.9	1 396.1	660.0	744.2	823.3	824.4	684.8	578.5	392.06	TOTAL
MEAN	6.40	16.4	7.92	86.8	45.0	22.0	24.0	26.6	27.5	22.1	19.3	12.6	MEAN
MAX	17.6	26.6	18.1	121	86.7	36.1	30.6	59.4	41.6	26.8	24.1	15.5	MAX
MIN	4.48	8.25	6.17	28.5	22.1	14.7	16.5	14.5	19.6	18.7	14.9	9.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.3
MAXIMUM DAILY, 121 ON APR 24
MINIMUM DAILY, 4.48 ON JAN 18
MAXIMUM INSTANTANEOUS,
122 AT 08:45 AST ON APR 24

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 25 N
LONG 68 57 25 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 200	JUL	64 300
FEB	39 700	AUG	71 100
MAR	21 200	SEP	71 200
APR	225 000	OCT	59 200
MAY	121 000	NOV	50 000
JUN	57 000	DEC	33 900

TOTAL DISCHARGE, 831 000 dam³

TETAGOUCHE RIVER NEAR WEST BATHURST - STATION NO. 01BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.06 B	9.00B	1.83B	3.70B	42.1	6.31	1.86	2.68	4.60	3.91	2.98	1.69B	1
2	1.07 B	8.00B	1.77B	5.00B	40.8	7.01	1.69	2.86	4.38	3.72	3.05	1.64B	2
3	1.06 B	7.20B	1.72B	7.60B	33.3	6.18	1.56	2.46	3.79	3.44	2.80	1.60B	3
4	1.05 B	6.40B	1.67B	16.7 B	25.8	5.72	1.63	2.14	3.66	3.51	2.55B	2.40B	4
5	1.05 B	5.80B	1.63B	15.3 B	21.2	5.21	1.70	1.75	3.56	4.02	2.35B	5.30B	5
6	1.04 B	5.37B	1.60B	13.7 B	18.4	4.58	1.71	1.58	3.51	3.68	2.20B	4.00B	6
7	1.04 B	4.80B	1.57B	12.7 B	16.5	4.12	1.64	2.24	3.49	3.57	2.00B	3.30B	7
8	1.04 B	4.35B	1.53B	11.7 B	15.5	5.06	1.62	5.77	3.33	3.34	1.85B	2.90B	8
9	1.03 B	4.20B	1.50B	10.6 B	13.7	5.68	1.43	6.98	3.05	3.33	2.50B	2.60B	9
10	1.03 B	3.95B	1.48B	9.60B	12.4	4.95	1.29	7.09	2.79	3.11	3.10B	2.30B	10
11	1.04 B	3.75B	1.45B	10.0 B	11.1	4.24	1.23	6.25	2.70	2.92	2.55B	2.10B	11
12	1.07 B	3.55B	1.43B	11.5 B	10.3	3.79	1.21	5.13	4.45	2.81	2.48B	1.92B	12
13	1.06 B	3.35B	1.41B	14.0 B	9.32	3.50	1.13	4.03	6.23	2.78	2.35B	1.85B	13
14	1.03 B	3.15B	1.39B	17.0 B	8.46	3.35	1.04	3.50	5.06	2.76	2.28B	1.78B	14
15	1.01 B	3.05B	1.36B	21.0 B	7.85	3.17	1.76	2.96	4.18	2.85	2.24B	1.72B	15
16	1.00 B	2.90B	1.34B	27.0 B	7.38	2.94	2.88	2.84	3.61	2.86	2.22B	1.68B	16
17	0.982B	2.80B	1.33B	26.0 B	6.72	2.72	2.54	2.92	3.20	2.63	2.19B	1.63B	17
18	0.978B	2.70B	1.32B	23.0 B	6.29	2.55	2.55	3.16	2.98	2.56	1.90B	1.58B	18
19	1.30 B	2.60B	1.40B	21.0 B	5.82	2.36	3.14	5.58	2.86	2.45	1.70B	1.55B	19
20	1.80 B	2.50B	1.50B	19.7 B	7.09	2.24	2.68	7.66	2.73	2.49	1.50B	1.52B	20
21	2.50 B	2.40B	1.49B	23.0 B	9.95	2.22	2.45	6.48	2.53	2.37	1.27B	1.48B	21
22	3.50 B	2.30B	1.48B	32.0 B	16.7	2.05	2.49	6.07	2.37	2.33	1.40B	1.45B	22
23	3.30 B	2.22B	1.47B	48.5	18.0	1.92	2.12	4.03	2.36	2.47	1.53B	1.42B	23
24	3.10 B	2.13B	1.49B	50.4	16.3	1.81	1.77	3.26	3.07	3.09	1.72B	1.39B	24
25	2.90 B	2.07B	1.46B	50.2	13.2	1.70	1.62	8.52	4.92	2.94	1.90B	1.36B	25
26	2.80 B	2.00B	1.40B	50.2	11.0	1.65	1.43	10.7	6.23	2.69	2.25B	1.43B	26
27	4.00 B	1.93B	1.50B	57.0	10.1	1.53	1.28	10.1	5.19	2.48	2.07B	1.50B	27
28	9.00 B	1.88B	2.00B	55.5	9.07	1.69	1.17	8.54	4.38	2.61	1.92B	1.46B	28
29	11.2 B		3.10B	54.3	8.62	1.65	1.12	6.95	3.72	2.65	1.82B	1.41B	29
30	11.0 B		3.00B	44.3	7.95	1.64	1.14	5.82	3.55	3.01	1.75B	1.37B	30
31	10.4 B		3.20B		6.97		1.37	5.11		3.19		1.34B	31
TOTAL	85.440	106.35	51.82	761.20	449.00	103.56	54.25	154.86	112.48	92.57	64.49	50.87	TOTAL
MEAN	2.76	3.80	1.67	25.4	14.5	3.45	1.75	5.00	3.75	2.99	2.15	1.86	MEAN
MAX	11.2	9.00	3.20	57.0	42.1	7.01	3.14	10.7	6.23	4.02	3.10	5.30	MAX
MIN	0.978	1.88	1.32	3.70	5.82	1.53	1.04	1.58	2.36	2.33	1.27	1.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.74
MAXIMUM DAILY, 57.0 ON APR 27
MINIMUM DAILY, 0.978B ON JAN 18
MAXIMUM INSTANTANEOUS,
61.2 AT 23:54 AST ON APR 26

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 39 21 N
LONG 65 41 37 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 380	JUL	4 690
FEB	9 190	AUG	13 400
MAR	4 480	SEP	9 720
APR	65 800	OCT	8 000
MAY	38 800	NOV	5 570
JUN	8 950	DEC	4 390

TOTAL DISCHARGE, 181 000 dam³

TOBIQUE RIVER AT NARROWS - STATION NO. 01AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.0	99.5	57.5	109	265	62.3	0	52.0	10.1	41.0	63.5	37.5	1
2	33.3	98.3	57.8	210	243	74.6	35.6	12.8	38.1	22.7	26.1	41.9	2
3	52.9	73.9	59.8	266	229	52.8	10.4	17.4	33.8	47.8	43.0	65.8	3
4	15.5	87.8	47.0	241	188	61.7	28.4	26.2	39.5	52.5	43.9	71.4	4
5	26.3	101	36.0	196	162	53.0	34.8	27.6	18.5	44.5	34.2	91.8	5
6	33.0	74.0	44.4	187	136	47.1	14.4	25.7	46.2	48.8	26.8	110	6
7	34.6	82.5	42.3	182	124	44.7	58.3	49.3	10.6	38.0	39.5	72.1	7
8	34.2	79.8	30.3	120	117	43.7	52.5	110	41.5	73.7	47.8	76.3	8
9	40.4	80.4	42.1	117	112	77.6	26.2	120	40.2	63.8	46.1	49.7	9
10	37.3	74.1	6.70	116	110	81.6	8.50	61.6	64.4	58.9	63.6	78.5	10
11	40.0	73.1	42.3	122	112	58.7	15.3	56.5	63.3	47.6	59.1	83.9	11
12	41.1	83.8	31.6	120	106	49.9	0	45.6	77.6	44.4	55.3	70.8	12
13	37.3	80.4	29.9	118	95.5	50.2	5.52	38.0	94.7	38.0	51.0	73.5	13
14	39.0	70.4	28.9	161	73.2	22.9	28.6	32.2	0	50.4	40.1	61.6	14
15	56.2	88.6	24.1	176	65.2	18.4	50.4	55.1	51.6	41.1	45.2	80.8	15
16	30.4	67.5	11.8	218	30.8	49.8	51.6	25.3	33.2	45.3	43.8	72.4	16
17	42.3	82.0	28.1	234	54.6	40.5	29.6	36.4	41.4	49.9	57.7	67.6	17
18	43.4	64.5	26.4	266	34.3	41.5	45.9	38.5	18.0	44.3	42.0	58.9	18
19	59.5	53.6	51.9	271	70.1	35.6	35.9	68.3	47.4	37.3	46.5	69.5	19
20	55.6	60.8	57.0	272	55.0	38.6	27.2	13.1	19.6	34.7	32.7	74.0	20
21	65.1	69.7	33.6	294	88.8	35.3	30.0	49.2	22.2	35.8	29.4	63.9	21
22	57.4	63.6	16.7	370	96.2	7.79	29.6	58.3	53.9	41.8	14.0	65.4	22
23	65.0	80.3	0	523	106	35.2	28.9	59.8	67.0	44.8	22.0	56.6	23
24	68.9	50.1	8.97	411	108	26.5	33.5	49.7	59.7	40.8	42.1	75.1	24
25	56.9	65.2	33.1	403	110	26.8	29.8	41.1	61.9	57.6	48.4	44.2	25
26	78.3	75.5	28.5	412	89.5	24.8	11.8	33.8	58.1	34.1	52.6	51.9	26
27	108	58.5	65.8	446	82.5	21.2	16.6	64.7	35.4	48.6	74.1	88.0	27
28	116	60.8	46.8	407	64.0	33.6	40.4	62.9	42.1	26.0	68.8	56.4	28
29	123		76.2	347	74.3	23.5	55.1	46.8	74.5	60.1	31.6	61.5	29
30	112		77.7	314	75.5	32.4	35.1	43.6	86.8	43.0	50.6	64.5	30
31	97.8		103		52.5		49.7	26.1		61.6		38.1	31
TOTAL	1 760.7	2 061.4	1 243.27	7 584	3 325.8	1 283.29	911.72	1 433.4	1 350.5	1 408.1	1 331.4	2 043.7	TOTAL
MEAN	56.8	73.6	40.1	253	107	42.8	29.4	46.2	45.0	45.4	44.4	65.9	MEAN
MAX	123	101	103	523	265	81.6	58.3	120	94.7	73.7	74.1	110	MAX
MIN	15.5	50.1	0	109	30.8	7.79	0	12.8	0	22.7	14.0	37.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.5
MAXIMUM DAILY, 523 ON APR 23
MINIMUM DAILY, 0 ON MAR 23

DATA CONTRIBUTED BY -
NEW BRUNSWICK ELECTRIC POWER COMMISSION

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 47 30 N
LONG 67 41 00 W
DRAINAGE AREA, 4 330 km^2

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	152 000	JUL	78 800
FEB	178 000	AUG	124 000
MAR	107 000	SEP	117 000
APR	655 000	OCT	122 000
MAY	288 000	NOV	115 000
JUN	111 000	DEC	177 000

TOTAL DISCHARGE, 2 220 000 dam^3

TOBIQUE RIVER AT PLASTER ROCK - STATION NO. 01AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.5B	80.0B	42.0B	84.0B	223	54.3	23.9	48.1	29.9	47.2	39.4	35.0B	1
2	28.0B	73.0B	42.8B	115 B	204	61.2	22.8	34.4	28.9	43.1	35.7	35.0B	2
3	27.5B	68.0B	42.0B	138 B	185	55.4	20.5	30.6	27.8	38.4	35.8	62.0B	3
4	27.3B	65.0B	39.5B	127 B	159	45.4	22.1	28.1	34.0	37.6	34.2	66.0B	4
5	27.0B	62.0B	35.0B	115 B	138	46.4	25.4	27.9	25.0	42.4	34.9	77.0B	5
6	26.8B	60.0B	31.5B	111 B	125	43.9	26.8	25.5	26.9	40.4	25.9	70.0B	6
7	27.5B	62.0B	25.5B	102 B	113	40.1	26.5	26.9	29.1	51.6	41.6	62.0B	7
8	29.0B	59.5B	22.8B	92.5B	105	47.2	26.7	62.7	27.4	53.9	36.7	52.0B	8
9	31.2B	58.3B	20.6B	85.2B	97.7	66.5	24.8	83.5	36.8	57.4	36.9	50.0B	9
10	31.0B	57.0B	24.5B	76.5B	90.2	55.8	18.4	70.2	41.8	51.3	54.4	54.0B	10
11	32.0B	59.0B	22.0B	73.5B	82.8	45.3	17.4	80.1	45.4	48.6	47.8	58.0B	11
12	32.0B	62.0B	20.4B	86.5B	77.0	41.3	17.0	52.3	51.2	39.9	43.0	54.0B	12
13	33.0B	57.5B	20.3B	98.0B	71.3	38.2	16.7	46.4	65.8	38.9	55.9	50.0B	13
14	33.5B	55.7B	17.5B	108 B	67.3	36.7	18.9	40.9	46.5	38.1	46.7	48.0B	14
15	32.5B	53.6B	17.4B	115 B	63.7	34.7	30.5	36.3	38.0	39.4	41.0B	46.0B	15
16	31.8B	53.2B	17.2B	137 B	60.1	32.5	43.0	35.2	32.4	40.7	38.0B	51.0B	16
17	31.4B	49.0B	17.4B	160	57.8	33.7	36.0	39.6	29.9	38.4	35.0B	48.0B	17
18	33.2B	49.5B	17.2B	166	55.7	35.1	36.5	38.6	28.1	49.3	33.0B	46.0B	18
19	35.5B	47.7B	16.9B	186	54.1	31.8	38.4	40.1	27.1	35.8	44.8	44.0B	19
20	38.8B	45.0B	17.5B	193	57.3	28.6	33.2	40.4	28.9	35.8	18.7	48.0B	20
21	46.0B	43.0B	21.4B	206	63.7	27.3	28.0	35.8	24.8	35.0	24.0B	46.0B	21
22	56.5B	50.0B	22.0B	275	71.8	25.5	24.9	35.4	23.8	36.4	26.0B	44.0B	22
23	54.5B	53.0B	20.7B	361	89.0	24.0	24.3	36.3	39.0	35.7	24.0B	43.0B	23
24	52.5B	50.5B	19.0B	310	92.1	22.8	23.4	39.6	43.7	50.5	28.0B	42.0B	24
25	50.2B	53.0B	16.9B	307	88.8	22.6	21.8	49.2	52.0	44.2	32.0B	45.0B	25
26	65.0B	53.0B	21.5B	320	78.3	23.1	20.8	48.0	61.3	28.9	30.0B	43.0B	26
27	62.0B	47.7B	25.5B	335	72.1	23.0	19.9	42.7	46.5	27.0	38.0B	45.0B	27
28	69.8B	44.2B	34.0B	316	69.5	23.3	19.3	39.1	38.0	25.8	50.0B	42.0B	28
29	63.8B		38.0B	288	66.7	24.0	27.9	36.1	33.9	27.2	51.0B	41.0B	29
30	68.0B		49.0B	284	61.8	22.8	36.3	33.8	38.1	34.7	48.0B	42.0B	30
31	74.0B		57.5B		56.7		38.8	31.6		46.3		40.0B	31
TOTAL	1 265.5	1 572.4	835.5	5 359.2	2 897.5	1 119.5	820.0	1 288.5	1 104.0	1 260.4	1 133.4	1 533.0	TOTAL
MEAN	41.0	56.2	27.0	179	93.5	37.3	26.5	41.6	36.8	40.7	37.8	49.5	MEAN
MAX	74.0	80.0	57.5	361	223	66.5	43.0	83.5	65.8	57.4	55.9	77.0	MAX
MIN	26.8	43.0	16.9	73.5	54.1	22.6	16.7	25.5	23.8	25.8	18.7	35.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.4
MAXIMUM DAILY, 361 ON APR 23
MINIMUM DAILY, 16.7 ON JUL 13
MAXIMUM INSTANTANEOUS,
379 AT 04:00 AST ON APR 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 18 N
LONG 67 23 42 W
DRAINAGE AREA, 3 130 km^2

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	110 000	JUL	70 800
FEB	136 000	AUG	112 000
MAR	72 200	SEP	95 400
APR	463 000	OCT	109 000
MAY	250 000	NOV	97 900
JUN	96 700	DEC	132 000

TOTAL DISCHARGE, 1 780 000 dam^3

TOBIQUE RIVER AT RILEY BROOK - STATION NO. 01AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.2B	76.5B	39.5B	60.7	149	34.3	15.8	25.1	21.0	24.4	21.4	22.0B	1
2	20.8B	66.2B	40.5B	60.6	137	36.5	15.2	22.5	19.7	23.3	20.9	30.0B	2
3	20.5B	62.8B	39.7B	66.6	122	33.9	14.7	21.2	25.3	22.3	20.2	40.0B	3
4	20.3B	60.4B	36.0B	67.9	103	32.3	15.5	20.1	19.3	22.4	22.7	44.0B	4
5	20.0B	58.0B	36.0B	62.6	90.5	30.4	17.8	19.5	18.4	23.6	18.3	40.0B	5
6	20.0B	59.2B	31.5B	59.5	81.8	28.7	21.4	15.4	19.3	30.1	23.7	36.5B	6
7	20.0B	56.0B	26.0B	56.0	73.0	27.6	21.7	18.3	19.5	32.6	27.0	34.0B	7
8	21.3B	57.4B	23.2B	50.3	68.2	29.6	19.6	30.5	25.4	35.8	19.9	32.0B	8
9	23.0B	54.5B	21.6B	47.7	62.8	32.9	14.7	36.2	30.2	33.8	21.9	31.0B	9
10	22.7B	56.0B	26.0B	44.4	57.6	28.5	13.4	36.7	33.9	35.9	27.6	32.0B	10
11	23.4B	60.0B	20.8B	44.1	54.6	27.0	13.3	33.5	25.9	27.1	24.3	35.0B	11
12	23.4B	58.0B	20.5B	47.0	51.3	25.7	13.3	31.5	27.4	28.4	32.0	33.0B	12
13	24.4B	61.0B	20.3B	51.0	47.4	24.6	12.6	28.7	30.0	26.1	34.5	31.0B	13
14	24.6B	52.7B	18.1B	56.1	43.6	24.0	13.0	26.8	24.9	26.1	33.1	30.0B	14
15	23.5B	51.0B	17.8B	58.8	40.7	22.6	20.0	26.0	22.2	26.5	23.5	29.0B	15
16	23.3B	50.0B	18.5B	66.9	38.9	22.0	23.5	26.2	20.4	26.1	25.2	31.0B	16
17	23.1B	46.0B	17.8B	80.3	37.7	24.0	19.4	27.1	18.7	32.4	24.7	29.0B	17
18	23.4B	46.5B	19.0B	94.2	36.6	23.1	20.7	25.9	18.4	27.5	31.7	28.0B	18
19	24.3B	46.0B	19.0B	97.6	35.6	21.7	23.2	27.5	17.7	24.7	20.3	27.0B	19
20	25.5B	44.8B	18.0B	106	37.2	20.3	20.6	26.3	17.2	23.9	22.0B	29.0B	20
21	27.0B	41.7B	22.2B	118	39.4	19.1	19.6	24.0	16.9	24.1	23.0B	27.5B	21
22	31.5B	45.4B	23.4B	165	45.1	18.0	21.3	25.5	25.1	24.2	17.0B	26.5B	22
23	30.3B	50.4B	22.6	195	49.3	17.5	17.6	25.3	24.0	30.9	21.0B	26.0B	23
24	29.7B	48.3B	19.8	184	50.3	17.2	16.3	24.6	27.5	35.4	24.5B	25.0B	24
25	28.8B	50.0B	19.7	186	48.3	16.6	15.0	26.3	33.5	21.5	23.5B	27.0B	25
26	42.0B	50.0B	18.7	205	44.5	16.6	14.6	27.9	34.5	18.8	25.5B	26.0B	26
27	54.6	47.0B	23.7	213	42.0	15.3	14.2	26.1	25.7	17.9	24.0B	27.0B	27
28	63.0	42.0B	23.2	201	41.2	16.0	18.9	25.1	23.9	17.4	29.0B	25.5B	28
29	64.0		23.8	186	40.3	16.2	27.1	23.8	22.5	17.2	25.0B	24.5B	29
30	68.4		26.5	167	38.3	16.2	28.6	22.7	22.8	21.2	23.0B	25.5B	30
31	72.0B		40.7		36.0		30.9	22.1		23.6		24.0B	31
TOTAL	950.0	1 498.7	778.1	3 090.3	1 843.6	720.6	573.9	800.5	712.0	803.4	731.4	928.0	TOTAL
MEAN	30.6	53.5	25.1	103	59.5	24.0	18.5	25.8	23.7	25.9	24.4	29.9	MEAN
MAX	72.0	76.5	40.7	213	149	36.5	30.9	36.7	34.5	35.9	34.5	44.0	MAX
MIN	20.0	41.7	17.8	44.1	35.6	15.3	12.6	15.4	16.9	17.2	17.0	22.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.8
MAXIMUM DAILY, 213 ON APR 27
MINIMUM DAILY, 12.6 ON JUL 13
MAXIMUM INSTANTANEOUS,
216 AT 01:14 AST ON APR 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 24 N
LONG 67 12 36 W
DRAINAGE AREA, 2 230 km^2

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	82 100	JUL	49 600
FEB	129 000	AUG	69 200
MAR	67 200	SEP	61 500
APR	267 000	OCT	69 400
MAY	159 000	NOV	63 200
JUN	62 300	DEC	80 200

TOTAL DISCHARGE, 1 160 000 dam^3

TURTLE CREEK AT TURTLE CREEK - STATION NO. 01BU003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880B	2.95 B	0.420B	18.1 B	6.19	3.02	0.915	5.49	1.03	1.16	0.756	3.90	1
2	0.800B	2.67 B	0.405B	20.5	5.64	3.77	0.849	3.27	0.976	1.02	0.917	3.50 B	2
3	0.710B	2.29 B	0.395B	16.1	5.00	3.33	0.816	2.49	1.10	0.934	1.06	4.11	3
4	0.660B	2.13 B	0.388B	13.5	4.52	2.78	0.766	2.24	1.02	1.03	0.919	6.64	4
5	0.600B	1.90 B	0.380B	10.5	4.16	2.60	0.787	1.77	0.979	1.11	0.884	6.11	5
6	0.579B	1.76 B	0.370B	8.11	3.66	2.33	0.768	1.68	0.870	1.00	0.940	5.13	6
7	0.525B	1.64 B	0.365B	7.05	3.47	2.11	0.723	1.65	0.789	1.14	0.902	4.48	7
8	0.495B	1.50 B	0.358B	6.25	3.18	2.26	0.712	1.62	0.747	1.01	0.859	3.76	8
9	0.460B	1.36 B	0.350B	10.2	2.99	2.90	0.665	1.56	0.737	1.04	0.886	3.30 B	9
10	0.435B	1.22 B	0.340B	16.5	2.79	2.09	0.730	3.57 A	0.717	1.28	0.970	3.05 B	10
11	0.410B	1.12 B	0.335B	14.2	2.57	1.88	0.667	1.74 E	0.838	1.09	0.886	2.75 B	11
12	0.392B	1.02 B	0.330B	18.9	2.46	1.77	0.648	1.55 E	1.01	1.06	0.866	2.45 B	12
13	0.380B	0.960B	0.325B	17.2	2.35	1.68	0.589	1.37 A	0.846	1.01	0.816	2.15 B	13
14	0.368B	0.890B	0.320B	14.3	2.20	1.68	0.638	1.21	0.722	0.974	0.780B	1.96 B	14
15	0.355B	0.840B	0.720B	12.5	2.03	1.65	0.686	1.06	0.652	0.973	0.750B	1.84 B	15
16	0.345B	0.790B	1.60 B	11.8	1.91	1.63	0.750	1.07	0.665	0.949	0.720B	1.65 B	16
17	0.360B	0.750B	2.40 B	14.8	1.85	1.41	0.628	1.41	0.647	0.889	0.680B	1.50 B	17
18	0.350B	0.700B	3.20 B	12.1	1.78	1.30	0.697	1.14	0.604	0.862	0.670B	1.32 B	18
19	0.500B	0.670B	3.70 B	10.3	1.72	1.19	1.15	1.16	0.592	1.04	0.720B	1.22 B	19
20	0.640B	0.630B	4.00 B	8.72	1.62	1.14	0.692	1.41	0.592	0.965	1.10 B	1.15 B	20
21	0.860B	0.595B	3.10 B	8.17	1.55	1.07	0.601	1.20	0.568	0.930	1.70 B	1.08 B	21
22	0.740B	0.562B	2.60 B	9.08	1.54	1.01	0.536	1.07	0.577	0.932	5.28	1.01 B	22
23	0.630B	0.545B	2.20 B	13.4	2.16	0.990	0.464	0.979	0.695	0.860	3.70	0.950B	23
24	0.530B	0.520B	1.88 B	16.8	6.85	0.981	0.442	1.05	1.53	0.910	4.76	0.910B	24
25	0.480B	0.500B	1.70 B	13.5	5.49	0.946	0.412	1.71	1.30	0.813	5.27	0.900B	25
26	0.600B	0.480B	2.10 B	11.8	6.64	0.914	0.416	1.74	1.18	0.831	3.87	1.73 B	26
27	6.41 B	0.465B	3.20 B	10.4	4.08	0.880	1.01	1.45	1.23	0.871	5.83	1.62 B	27
28	5.80 B	0.445B	4.50 B	8.52	3.85	0.885	1.12	1.64	0.913	0.866	5.52	1.60 B	28
29	4.70 B		6.60 B	7.85	3.40	0.945	1.52	1.36	0.868	0.850	4.93	1.32 B	29
30	4.00 B		11.0 B	6.87	3.14	0.902	0.979	1.21	1.05	0.853	4.76	1.18 B	30
31	3.30 B		13.5 B		3.26		8.33	1.09		0.801		1.08 B	31
TOTAL	38.344	31.922	72.981	373.73	102.44	51.813	30.900	52.389	26.042	30.133	63.681	77.300	TOTAL
MEAN	1.24	1.14	2.35	12.5	3.30	1.73	0.997	1.69	0.868	0.972	2.12	2.49	MEAN
MAX	6.41	2.95	13.5	20.5	6.85	3.77	8.33	5.49	1.53	1.28	5.83	6.64	MAX
MIN	0.345	0.445	0.320	6.25	1.54	0.880	0.412	0.979	0.568	0.801	0.670	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.61
MAXIMUM DAILY, 20.5 ON APR 2
MINIMUM DAILY, 0.320B ON MAR 14
MAXIMUM INSTANTANEOUS,
26.7 AT 18:45 AST ON APR 2

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 29 N
LONG 64 52 44 W
DRAINAGE AREA, 129 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 310	JUL	2 670
FEB	2 760	AUG	4 520
MAR	6 310	SEP	2 250
APR	32 300	OCT	2 600
MAY	8 850	NOV	5 500
JUN	4 480	DEC	6 680

TOTAL DISCHARGE, 82 200 dam^3

UPSALQUITCH RIVER AT UPSALQUITCH - STATION NO. 01BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.80B	19.5 B	9.60B	14.7B	276	53.8	14.4	20.9	26.6	20.4	18.0	12.2B	1
2	5.75B	18.8 B	9.15B	19.5B	261	55.8	13.1	20.9	25.3	19.6	18.2	11.7B	2
3	5.70B	18.0 B	8.95B	30.0B	226	49.6	12.2	18.0	24.4	18.2	18.5	14.7B	3
4	5.65B	17.2 B	8.75B	51.0B	182	45.7	13.5	16.2	22.5	18.8	18.0	20.0B	4
5	5.60B	16.8 B	8.60B	48.0B	153	42.6	20.6	15.4	21.6	21.3	18.2	24.0B	5
6	5.54B	16.3 B	8.45B	45.0B	132	39.4	19.4	13.9	22.0	20.6	15.5	22.5B	6
7	5.47B	15.9 B	8.25B	42.5B	116	35.4	15.4	17.0	22.4	19.9	18.6	21.0B	7
8	5.43B	15.2 B	8.15B	41.8B	105	36.4	13.9	27.6	20.7	19.2	18.1	20.0B	8
9	5.41B	14.8 B	8.00B	41.5B	94.6	39.6	12.9	44.6	19.7	18.7	18.2	19.0B	9
10	5.39B	14.3 B	7.85B	45.5B	86.2	35.0	12.3	55.0	18.2	19.1	22.0	16.2B	10
11	5.35B	13.8 B	7.80B	49.0	80.6	31.0	11.6	45.2	17.4	18.2	20.1	17.4B	11
12	5.30B	13.4 B	7.70B	51.7	75.3	28.3	11.3	39.4	24.1	17.3	17.8 B	16.6B	12
13	5.25B	13.1 B	7.60B	52.4	69.0	26.4	10.9	34.9	34.5	15.9	16.2 B	16.2B	13
14	5.20B	12.8 B	7.50B	57.7	63.5	25.3	11.1	31.3	27.3	16.7	14.4 B	15.7B	14
15	5.15B	12.6 B	7.40B	63.3	59.3	23.8	18.8	28.0	23.3	17.2	15.5 B	15.1B	15
16	5.10B	12.3 B	7.21B	80.6	55.3	21.7	27.7	29.2	21.0	17.4	13.9 B	14.6B	16
17	5.07B	12.0 B	7.15B	103	52.1	22.2	20.9	32.4	19.5	17.0	13.0 B	14.0B	17
18	5.05B	11.7 B	7.10B	130	49.7	21.1	23.5	29.6	18.6	16.3	12.0 B	13.7B	18
19	5.70B	11.5 B	7.40B	132	47.9	19.6	31.1	45.7	18.1	15.9	11.0 B	13.3B	19
20	7.20B	11.3 B	7.90B	143	50.6	17.8	26.9	39.4	17.4	15.7	10.0 B	12.9B	20
21	14.1 B	11.0 B	9.10B	156	74.0	17.1	26.6	34.6	16.9	15.3	9.10B	12.6B	21
22	13.3 B	10.8 B	8.90B	174	128	16.1	25.3	31.6	16.3	15.3	8.50B	12.2B	22
23	12.7 B	10.6 B	9.00B	247	142	15.3	21.5	29.7	16.0	16.0	8.10B	11.8B	23
24	12.2 B	10.4 B	9.10B	245	127	14.7	19.5	29.4	18.1	17.8	11.0 B	11.6B	24
25	11.9 B	10.2 B	8.70B	248	111	15.1	18.0	43.9	21.1	16.8	15.0 B	11.2B	25
26	11.7 B	10.0 B	8.60B	280	95.3	15.2	17.1	46.4	23.2	18.1	18.7 B	12.0B	26
27	14.0 B	9.80B	8.80B	314	86.2	14.4	16.7	40.3	20.2	15.2	16.2 B	11.7B	27
28	18.0 B	9.60B	9.20B	325 A	77.6	14.1	15.6	36.6	18.6	15.7	14.7 B	11.4B	28
29	24.0 B		10.2 B	334 A	70.2	14.8	15.2	33.2	17.0	16.2	13.6 B	10.9B	29
30	21.5 B		11.2 B	301	64.4	14.7	14.7	30.7	18.2	17.8	13.0 B	10.7B	30
31	20.2 B		12.3 B		58.3		14.6	28.3		19.9		10.4B	31
TOTAL	283.71	373.70	265.45	3 865.6	3 275.9	821.8	546.2	989.1	630.2	546.5	453.30	450.5	TOTAL
MEAN	9.15	13.3	8.56	129	106	27.4	17.6	31.9	21.0	17.6	15.1	14.5	MEAN
MAX	24.0	19.5	12.3	334	276	55.8	31.1	55.0	34.5	21.3	22.0	24.0	MAX
MIN	5.05	9.60	7.10	14.7	47.9	14.1	10.9	13.9	16.0	15.2	8.10	10.4	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.3
MAXIMUM DAILY, 334A ON APR 29
MINIMUM DAILY, 5.05B ON JAN 18
MAXIMUM INSTANTANEOUS,
345E AT 02:32 AST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 54 N
LONG 66 52 54 W
DRAINAGE AREA, 2 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 500	JUL	47 200
FEB	32 300	AUG	85 500
MAR	22 900	SEP	54 400
APR	334 000	OCT	47 200
MAY	283 000	NOV	39 200
JUN	71 000	DEC	38 900

TOTAL DISCHARGE, 1 080 000 dam³

WALKER BROOK AT CAMPBELLTON - STATION NO. 01BJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.184	0.350B	0.161	0.840B	9.91	1.50	0.332	0.420E	0.470	0.769	0.753	0.560B	1
2	0.174	0.310B	0.158	1.02 B	10.9	1.46	0.306	0.940E	0.467	0.680	0.836	0.560B	2
3	0.174	0.290B	0.153	2.10 B	8.26	1.20	0.275	0.660E	0.408	0.640	0.771	0.720B	3
4	0.188	0.281B	0.154	2.01	5.99	1.02	0.337	0.480E	0.383	0.855	0.800	1.11 B	4
5	0.201B	0.275B	0.156	1.66	4.74	0.930	0.405	0.360E	0.505	0.836	0.783	0.602	5
6	0.199B	0.270B	0.152	1.43	3.89	0.831	0.309	0.670E	0.568	0.780	0.730B	0.467	6
7	0.195B	0.265B	0.164	1.35	3.57	0.769	0.287	1.00 E	0.440	0.813	0.680B	0.430B	7
8	0.181	0.261B	0.154	1.23	3.56	1.03	0.273	1.50 E	0.378	0.828	0.725	0.395B	8
9	0.172	0.259B	0.139	1.17	3.40	1.01	0.267	1.28 E	0.349	0.794	0.983	0.375B	9
10	0.174	0.255B	0.138	1.06	3.16	0.778	0.250	1.10 E	0.397	0.758	1.08	0.350B	10
11	0.164	0.251B	0.141	0.987	3.00	0.687	0.227	0.680E	0.769	0.726	0.869	0.330B	11
12	0.161	0.249	0.157	0.974	2.74	0.625	0.210	0.870E	1.65	0.706	0.838	0.310B	12
13	0.158	0.231	0.141	1.07	2.32	0.580	0.208A	0.760E	1.13	0.711	0.843	0.290B	13
14	0.154	0.244	0.138	1.07	2.10	0.559	0.195E	0.680E	0.879	0.895	0.794B	0.275B	14
15	0.149	0.230	0.165	1.24	1.93	0.520	0.400E	0.580E	0.807	0.807	0.776B	0.265B	15
16	0.148	0.220	0.135	1.70	1.74	0.504	0.880E	0.578E	0.773	0.751	0.770B	0.257B	16
17	0.149	0.198	0.133	2.49	1.61	0.520	0.590E	0.576E	0.727	0.678	0.784	0.248B	17
18	0.155	0.200	0.149	3.11	1.66	0.507	0.420E	0.572E	0.679	0.643	0.745	0.240B	18
19	0.146	0.190	0.200B	3.34	1.42	0.475	0.310E	0.568E	0.625	0.608	0.700B	0.232B	19
20	0.252B	0.190	0.270B	3.78	1.61	0.452	0.450E	0.470E	0.576	0.602	0.680B	0.222B	20
21	0.390B	0.187	0.360B	3.70	3.88	0.436	0.660E	0.400E	0.570	0.597	0.610B	0.228B	21
22	0.542B	0.182	0.310B	5.44	6.56	0.419	0.580E	0.340A	0.503	0.591	0.570B	0.278B	22
23	0.350B	0.180	0.270B	6.21	6.16	0.416	0.510E	0.284	0.575	0.626	0.540B	0.310B	23
24	0.280B	0.186	0.240B	5.95	4.84	0.426	0.450E	0.811	0.669	0.879	0.910B	0.275B	24
25	0.245B	0.160	0.220B	7.28	3.83	0.533	0.380E	1.10	0.773	0.677	0.900B	0.400B	25
26	0.232B	0.167	0.255B	9.03	3.16	0.449	0.340E	0.776	0.682	0.697	0.890B	0.345B	26
27	0.320B	0.173	0.320B	10.7	2.66	0.402	0.290E	0.630	0.602	0.736	0.810B	0.321	27
28	0.420B	0.161	0.410B	11.5	2.28	0.469	0.250E	0.589	0.652	0.746	0.740B	0.370B	28
29	0.570B		0.380B	11.5	2.03	0.419	0.220E	0.541	0.520	0.714	0.680B	0.345B	29
30	0.730B		0.420B	9.44	1.81	0.376	0.227E	0.508	0.831	0.859	0.620B	0.320B	30
31	0.420B		0.520B		1.62		0.233E	0.476		0.762		0.300B	31
TOTAL	7.976	6.385	6.845	114.351	116.37	20.312	11.061	21.429	19.260	22.762	23.272	11.747	TOTAL
MEAN	0.257	0.228	0.221	3.81	3.75	0.677	0.357	0.691	0.642	0.734	0.776	0.379	MEAN
MAX	0.730	0.350	0.520	11.5	10.9	1.50	0.880	1.50	1.65	0.879	1.08	1.11	MAX
MIN	0.146	0.160	0.133	0.840	1.42	0.375	0.195	0.284	0.349	0.591	0.540	0.222	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 11.5 ON APR 28
MINIMUM DAILY, 0.133 ON MAR 17
MAXIMUM INSTANTANEOUS,
13.9 AT 13:38 AST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 17 N
LONG 66 41 49 W
DRAINAGE AREA, 60.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	689	JUL	956
FEB	553	AUG	1 850
MAR	591	SEP	1 660
APR	9 880	OCT	1 970
MAY	10 100	NOV	2 010
JUN	1 760	DEC	1 010

TOTAL DISCHARGE, 33 000 dam³

NOVA SCOTIA

ANNAPOLIS RIVER AT LAWRENCETOWN - STATION NO. 01DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.5B	35.8 B	5.23B	76.6	21.5	20.3	9.28	93.2	13.3	27.2	13.8	28.4	1
2	25.8B	29.9 B	5.12B	69.5	20.4	25.9	9.53	74.4	13.0	22.0	13.5	22.7	2
3	33.4B	25.6 B	5.04B	60.7	19.2	31.2	8.38	51.9	12.8	18.2	14.9	27.1	3
4	41.4B	22.3 B	4.95B	50.9	18.3	25.8	8.65	39.9	12.6	15.3	14.9	55.3	4
5	55.9B	20.0 B	4.88B	41.9	16.5	20.8	7.96	33.1	9.93	19.0	13.5	45.5	5
6	45.9B	17.9 B	4.78B	34.3	18.2	18.3	6.77	26.4	11.1	19.4	11.4	39.7	6
7	35.6B	16.7 B	4.72B	29.8	17.2	16.8	7.89	21.4	12.3	23.7	12.6	31.1	7
8	30.4B	15.2 B	4.65B	28.6	16.2	22.7	10.1	19.5	13.3	19.5	13.8	20.8B	8
9	25.9B	14.2 B	4.59B	42.4	15.7	33.4	8.55	19.3	12.6	17.5	13.8	16.3B	9
10	22.6B	13.9 B	4.53B	85.8	15.1	28.7	8.76	18.3	10.0	15.7	18.6	15.8B	10
11	19.6B	11.6 B	4.50B	101	14.5	20.1	9.30	17.2	11.8	15.2	18.1	15.6B	11
12	17.9B	10.8 B	11.4 B	91.1	14.2	17.4	7.72	16.0	11.6	12.8	15.4	15.1B	12
13	16.1B	10.2 B	11.7 B	80.6	14.2	16.8	6.77	15.3	12.8	11.4	16.9	14.8B	13
14	15.0B	9.45B	12.1 B	61.3	14.0	20.4	7.89	14.6	12.7	12.2	17.9	14.5B	14
15	13.6B	9.05B	12.2 B	47.9	13.8	19.2	9.62	13.6	10.4	26.6	15.8	14.3B	15
16	12.9B	8.52B	29.3 B	38.8	13.1	18.0	8.48	13.4	17.8	25.0	13.5	14.0B	16
17	12.3B	8.08B	64.5 B	34.9	13.0	20.8	9.04	14.8	29.8	20.1	14.1	13.8B	17
18	11.7B	7.70B	63.0 B	32.0	13.7	19.8	8.49	15.3	24.5	19.6	14.7	13.6B	18
19	11.3B	7.42B	60.8 B	28.1	13.6	16.5	8.87	15.0	20.2	20.4	12.1	13.3B	19
20	34.5B	7.12B	186	25.5	12.8	14.8	7.51	16.3	17.3	18.1	13.4	13.1B	20
21	114 B	6.85B	184	23.7	12.6	11.9	8.83	15.2	15.3	16.5	15.0	12.9B	21
22	76.0B	6.58B	125	22.7	13.8	12.1	9.03	14.2	14.1	16.4	46.4	12.8B	22
23	65.6B	6.39B	90.9	24.9	24.9	10.4	7.49	13.3	13.5	16.1	35.8	12.7B	23
24	44.6B	6.16B	69.1	32.9	49.5	12.9	6.50	13.0	19.2	15.8	39.9	12.5B	24
25	37.7B	5.94B	64.4	30.9	74.9	10.9	6.65	13.2	26.1	15.1	53.5	12.4B	25
26	32.9B	5.75B	60.5	29.7	64.8	10.3	6.51	14.2	23.1	14.4	43.6	37.2B	26
27	35.0B	5.64B	82.9	32.8	46.7	9.70	6.61	14.9	14.9	13.8	56.7	36.6B	27
28	84.5B	5.48B	104	29.6	32.9	8.58	15.6	21.7	17.2	13.1	63.0	27.2B	28
29	87.3B		90.6	26.4	26.7	8.00	36.5	18.1	13.7	14.3	42.9	21.8B	29
30	60.2B		79.2	23.1	23.4	7.63	37.7	15.7	21.7	14.9	35.1	17.6B	30
31	45.9B		75.9		20.8		76.2	14.1		14.2		14.7B	31
TOTAL	1 170.1	350.64	1 494.47	1 339.6	708.2	524.91	366.25	716.7	468.73	546.6	712.2	667.2	TOTAL
MEAN	37.7	12.5	48.2	44.7	22.8	17.5	12.5	23.1	15.6	17.6	23.7	21.5	MEAN
MAX	114	35.8	186	101	74.9	33.4	76.2	93.2	29.8	27.2	56.7	55.3	MAX
MIN	11.3	5.48	4.50	22.7	12.6	7.63	6.38	13.0	9.93	11.4	11.4	12.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.9
MAXIMUM DAILY, 186 ON MAR 20
MINIMUM DAILY, 4.50B ON MAR 11
MAXIMUM INSTANTANEOUS,
201 AT 17:38 AST ON MAR 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 02 N
LONG 65 09 58 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	101 000	JUL	33 400
FEB	30 300	AUG	61 900
MAR	129 000	SEP	40 500
APR	116 000	OCT	47 200
MAY	61 200	NOV	61 500
JUN	45 400	DEC	57 600

TOTAL DISCHARGE, 785 000 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 184 IS DUE TO CURVE EXTENSION

ANNAPOLIS RIVER AT WILMOT - STATION NO. 01DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.88B	17.2 B	2.14B	47.8	11.3	11.2	4.74	53.7	6.57E	13.9	4.94	15.1	1
2	5.52B	14.2 B	2.11B	42.1	10.4	13.7	4.60	45.0	6.32E	11.1	4.79	12.5	2
3	4.86B	12.0 B	2.08B	35.6	9.51	16.8	5.11	28.9	5.74E	8.56	5.68	13.7	3
4	23.8	10.2 B	2.05B	29.2	8.62	13.7	5.30	20.9	5.18E	7.92	5.69	27.7	4
5	27.9	8.85B	2.02B	24.0	8.78	10.4	4.89	18.7	4.65E	9.61	5.14	26.7	5
6	15.9 B	7.65B	2.01B	19.7	8.46	8.52	4.79	14.8	5.14E	9.26	4.85	21.9	6
7	12.3 B	6.87B	1.99B	17.2	7.87	7.43	4.56	12.0	5.80E	10.5	6.00	16.8	7
8	10.3 B	6.15B	1.98B	16.1	7.30	10.3	4.49	10.6	6.43E	9.39	6.17	12.8 B	8
9	9.05B	5.52B	1.96B	22.8	6.78	16.5	4.28	10.2	5.73E	7.98	5.67	11.2 B	9
10	8.10B	5.03B	1.95B	45.7	6.34	12.8	4.00	9.57	4.78E	7.29	6.05	10.5 B	10
11	7.28B	4.64B	1.93B	64.6	6.05	9.23	3.77	8.58	5.42E	5.98	7.69	10.2 B	11
12	6.75B	4.27B	6.98B	55.4	5.67	7.93	3.72	7.45	5.58E	5.07	7.00	9.78B	12
13	6.35B	3.97B	7.06B	46.5	5.89	7.36	3.66	6.82	5.80E	4.70	8.02	9.50B	13
14	5.94B	3.70B	7.20B	35.5	5.50	8.69	3.63	6.27	5.96E	4.98	7.45	9.30B	14
15	5.65B	3.50B	7.55B	27.5	5.13	8.00	3.84	5.63	4.17E	11.5	6.20	9.08B	15
16	5.45B	3.30B	27.1 B	22.6	4.87	7.42	3.82	5.41	4.85E	11.2	5.94	8.84B	16
17	5.20B	3.12B	37.6 B	20.9	4.78	6.67	3.76	6.81	14.6 A	8.53	5.82	8.64B	17
18	5.05B	2.97B	35.3 B	18.8	5.38	6.67	3.63	7.08	11.5	6.66	5.67	8.53B	18
19	4.98B	2.87B	34.2 B	16.4	5.20	6.78	3.57	7.19A	6.75	5.47	5.13	8.37B	19
20	7.40B	2.76B	97.0 B	14.6	4.88	5.77	3.45	7.62A	7.15	6.09	4.78	8.23B	20
21	55.5 B	2.67B	108 B	13.4	4.65	5.44	3.44	6.66A	6.03	7.01	5.86	8.15B	21
22	33.8 B	2.58B	90.6	12.5	6.28	5.16	3.37	5.82A	5.15	6.82	21.1	8.03B	22
23	27.8 B	2.51B	68.2	13.0	13.6	4.86	3.27	5.21E	4.84	6.79	19.4	7.99B	23
24	23.7 B	2.43B	39.2	16.8	26.7	4.75	3.13	5.16E	6.58	6.33	19.1	7.84B	24
25	20.8 B	2.38B	27.2 B	16.3	48.2	4.86	3.09	6.24E	12.0	5.78	28.1	7.78B	25
26	16.9 B	2.33B	26.1 B	16.0	40.2	4.79	3.08	5.91E	12.2	5.14	24.7	22.4	26
27	23.9 B	2.28B	46.6	16.6	27.6	4.62	3.62	7.54E	9.67	5.15	28.1	20.3 B	27
28	49.5 B	2.23B	67.5	15.8	18.7	4.53	10.4	9.73E	7.62	6.69	27.8	15.0 B	28
29	34.9 B		64.2	13.9	15.0	5.32	24.6	8.60E	6.45	6.85	23.1	11.9 B	29
30	27.1 B		45.9	12.4	12.8	5.60	24.4	7.54E	9.73	5.92	18.6	9.75B	30
31	22.1 B		47.2		11.3		38.7	6.99E		5.32		7.99B	31
TOTAL	521.76	145.18	854.53	769.9	364.02	251.77	204.77	367.85	212.50	241.27	335.44	385.47	TOTAL
MEAN	16.8	5.29	26.9	25.7	11.7	8.39	6.61	11.9	7.08	7.78	11.2	12.5	MEAN
MAX	55.5	17.2	108	64.6	48.2	16.8	38.7	53.7	14.6	13.9	28.1	27.7	MAX
MIN	4.85	2.23	1.93	12.4	4.65	4.53	3.08	5.16	4.17	4.70	4.78	7.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 108B ON MAR 21
MINIMUM DAILY, 1.93B ON MAR 11
MAXIMUM INSTANTANEOUS,
110B AT 05:05 AST ON MAR 21

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 56 59 N
LONG 65 01 47 W
DRAINAGE AREA, 546 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 100	JUL	17 700
FEB	12 600	AUG	31 800
MAR	77 300	SEP	18 400
APR	66 500	OCT	20 800
MAY	31 500	NOV	28 100
JUN	21 800	DEC	33 400

TOTAL DISCHARGE, 406 000 dam³

NOVA SCOTIA

BEAVERBANK RIVER NEAR KINSAC - STATION NO. 01DG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.14	4.50 B	0.528B	10.8	2.77	2.13	0.471	5.13	1.12	2.17	0.868	4.66	1
2	2.37	3.40 B	0.525B	10.6	2.75	2.05	0.487	4.28	0.910	2.23	0.851	3.52	2
3	2.30	2.85 B	0.522B	9.93	3.45	2.47	0.737	3.33	0.760	1.85	0.879	3.23	3
4	5.74	2.40 B	0.518B	8.88	3.35	2.58	0.806	2.90	0.640	1.75	0.851	10.4	4
5	8.63	2.10 B	0.518B	7.01	3.00	2.36	0.803	2.46	0.580	1.62	0.816	11.1	5
6	7.83	1.80 B	0.517B	5.46	2.65	2.13	0.811	2.03	0.525	1.81	0.782	6.35	6
7	6.33	1.60 B	0.513B	4.37	2.33	1.84	0.836	1.68	0.490	1.67	0.914	5.08	7
8	4.93	1.38 B	0.510B	3.71	1.89	1.80	0.722	1.46	0.470	1.58	1.02	4.44	8
9	3.76	1.23 B	0.508B	4.65	1.74	1.99	0.613	1.39	0.435	1.61	1.15	3.14	9
10	3.01	1.08 B	0.506B	16.0	1.52	1.83	0.575	1.34	0.415	1.27	1.63	2.59	10
11	2.47	0.970B	0.504B	18.4	1.38	1.78	0.489	1.32 A	0.395	1.13	1.82	2.38	11
12	2.05	0.850B	0.660B	16.2	1.29	1.56	0.454	1.18	0.382	1.02	1.84	2.23	12
13	1.83	0.760B	0.800B	13.2	1.16	1.36	0.401	1.07	0.370	0.958	1.84	2.02	13
14	1.78B	0.730B	1.19	10.2	1.06	1.37	0.386	0.904	0.360	0.887	1.70	1.83	14
15	1.70B	0.680B	1.75	7.75	0.921	1.39	0.526	0.751	0.345	1.69	1.60	1.78	15
16	1.65B	0.650B	3.34	5.38	0.832	1.24	0.612	0.625	0.500	2.32	1.44	1.62	16
17	1.55B	0.630B	4.95	5.47	0.832	1.16	0.614	0.654	3.25	2.19	1.32	1.39	17
18	1.53B	0.610B	5.76	4.61	0.957	1.08	0.576	0.670	4.47	2.22	1.26	1.22	18
19	1.50B	0.585B	5.64	3.88	1.04	0.980	0.529	0.673	3.65	2.23	1.23	1.11	19
20	8.68	0.625	12.6	3.17	1.03	0.868	0.502	1.81	2.92	2.08	1.23	1.20	20
21	26.2 E	0.625	16.9	2.75	0.960	0.759	0.414	2.15	2.28	1.64	1.40	1.24	21
22	19.0	0.560B	13.9	2.45	0.888	0.684	0.345	1.98	1.73	1.67	5.15	1.19	22
23	12.4	0.555B	10.5	2.55	1.09	0.627	0.324	1.67	1.34	1.57	7.71	1.06	23
24	8.25	0.550B	7.65	2.78	3.53	0.601	0.287	1.44	1.56	1.44	7.79	0.909	24
25	5.48	0.545B	6.13	4.42	6.72	0.611	0.240	1.61	2.08	1.33	11.0	0.854	25
26	4.01	0.542B	4.94	4.61	7.94	0.396	0.200	1.77	2.47	1.18	9.67	4.62	26
27	4.97	0.538B	6.51	4.83	7.03	0.381	0.203	1.63	2.31	1.07	5.65	7.70	27
28	11.5	0.536B	10.3	4.64	5.34	0.380	0.990	1.72	1.86	1.08	10.2	6.35	28
29	12.8		9.83	4.03	4.00	0.386	4.34	1.87	1.63	1.12	8.24	4.63	29
30	9.34		8.45	3.38	3.01	0.434	4.95	1.82	1.66	1.17	8.20	3.43	30
31	6.63		9.04		2.46		4.95	1.57		1.06		2.69	31
TOTAL	192.37	33.902	146.920	205.69	79.010	39.252	29.503	55.037	42.187	48.965	101.851	109.123	TOTAL
MEAN	6.21	1.21	4.74	6.86	2.55	1.31	0.952	1.78	1.41	1.58	3.40	3.52	MEAN
MAX	26.2	4.50	16.9	18.4	7.94	2.58	4.95	5.13	4.47	2.32	11.0	11.1	MAX
MIN	1.50	0.536	0.504	2.45	0.832	0.380	0.200	0.625	0.345	0.887	0.782	0.854	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.97
MAXIMUM DAILY, 26.2E ON JAN 21
MINIMUM DAILY, 0.200 ON JUL 26
MAXIMUM INSTANTANEOUS,
27.6E AT 10 25 AST ON JAN 21

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 51 06 N
LONG 63 39 54 W
DRAINAGE AREA, 95.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 600	JUL	2 550
FEB	2 930	AUG	4 760
MAR	12 700	SEP	3 640
APR	17 800	OCT	4 230
MAY	6 830	NOV	8 810
JUN	3 390	DEC	9 430

TOTAL DISCHARGE, 93 700 dam³

REMARKS - PUBLISHED UNDER THE NAME "RAWDON RIVER AT KINSAC" PRIOR TO 1970 AND AS "BEAVER RIVER NEAR KINSAC" TO 1985

CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE - STATION NO. 01EH006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	4.14	1
2	---	---	---	---	---	---	---	---	---	---	---	3.24	2
3	---	---	---	---	---	---	---	---	---	---	---	2.84	3
4	---	---	---	---	---	---	---	---	---	---	---	5.56	4
5	---	---	---	---	---	---	---	---	---	---	---	7.24	5
6	---	---	---	---	---	---	---	---	---	---	---	6.18	6
7	---	---	---	---	---	---	---	---	---	---	---	4.88	7
8	---	---	---	---	---	---	---	---	---	---	---	3.92	8
9	---	---	---	---	---	---	---	---	---	---	---	3.08	9
10	---	---	---	---	---	---	---	---	---	---	---	2.74	10
11	---	---	---	---	---	---	---	---	---	---	---	2.47	11
12	---	---	---	---	---	---	---	---	---	---	1.12 A	2.27	12
13	---	---	---	---	---	---	---	---	---	---	1.12	2.14	13
14	---	---	---	---	---	---	---	---	---	---	1.20	1.95	14
15	---	---	---	---	---	---	---	---	---	---	1.12	1.74	15
16	---	---	---	---	---	---	---	---	---	---	1.03	1.58	16
17	---	---	---	---	---	---	---	---	---	---	0.997	1.44	17
18	---	---	---	---	---	---	---	---	---	---	0.990	1.27	18
19	---	---	---	---	---	---	---	---	---	---	0.980	1.14	19
20	---	---	---	---	---	---	---	---	---	---	0.926	1.19	20
21	---	---	---	---	---	---	---	---	---	---	1.04	1.20	21
22	---	---	---	---	---	---	---	---	---	---	2.79	1.16	22
23	---	---	---	---	---	---	---	---	---	---	4.55	1.07	23
24	---	---	---	---	---	---	---	---	---	---	4.80	0.880	24
25	---	---	---	---	---	---	---	---	---	---	6.72	0.959	25
26	---	---	---	---	---	---	---	---	---	---	5.83	3.01	26
27	---	---	---	---	---	---	---	---	---	---	6.14	5.66	27
28	---	---	---	---	---	---	---	---	---	---	7.20	5.38	28
29	---		---	---	---	---	---	---	---	---	6.55	4.43	29
30	---		---	---	---	---	---	---	---	---	5.36	3.58	30
31	---		---		---		---	---		---		3.03	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	91.459	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	2.95	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	7.24	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	0.880	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	7 900

CHETICAMP RIVER ABOVE ROBERT BROOK - STATION NO 01FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8	4.90B	1.60B	15.5 B	9.31	2.46	2.51	7.98	2.86	4.61	5.44	5.95B	1
2	9.11	4.45B	1.60B	14.3 B	9.15	6.98	2.44	4.72	2.61	4.10	5.79	5.39B	2
3	6.21	4.10B	1.60B	28.2	7.98	13.1	2.47	3.62	2.59	3.45	8.50	5.12B	3
4	5.82B	3.68B	1.60B	12.0	6.34	8.43	3.28	3.14	2.62	3.16	5.84	28.5	4
5	5.56B	3.40B	1.59B	7.67	5.40	4.94	5.15	2.97	2.48	12.6	7.23	18.5	5
6	5.27B	3.14B	1.59B	5.85	4.65	4.15	4.14	2.65	2.34	15.7	5.47	9.92	6
7	5.01B	2.91B	1.59B	5.03	4.35	3.11	3.18	2.42	2.39	17.8	4.90	6.50B	7
8	4.81B	2.72B	1.58B	4.44	4.02	5.36	2.65	2.36	2.37	20.1	4.86	5.90B	8
9	4.60B	2.54B	1.58B	4.07	3.77	37.1	2.55	3.04	2.20	9.43	7.26	5.53B	9
10	4.43B	2.42B	1.58B	25.9	3.71	10.6	2.43	3.41	2.26	8.40	32.3	5.20B	10
11	4.29B	2.29B	1.57B	26.8	3.60	5.76	4.72	3.25	10.7	6.26	11.6	4.80B	11
12	4.13B	2.17B	1.57B	22.5	3.33	4.21	5.42	2.99	76.8	5.06	7.33	4.45B	12
13	3.98B	2.07B	1.57B	20.7	3.21	3.46	3.98	2.69	25.1	4.61	6.05	4.25B	13
14	3.90B	1.98B	1.57B	14.9	3.09	3.14	3.06	2.26	10.5	4.13	5.14	4.08B	14
15	10.0 B	1.93B	1.56B	16.7	2.98	2.95	3.03	2.01	6.77	18.3	5.37	3.94B	15
16	14.5 B	1.87B	1.56B	47.4	2.81	2.68	3.59	1.98	5.32	9.58	4.83	3.80B	16
17	73.0 B	1.82B	1.56B	41.9	2.73	3.09	3.53	2.02	8.90	6.26	4.36	3.69B	17
18	31.0 B	1.77B	1.56B	19.7	2.86	3.44	2.80	2.01	6.66	6.48	4.55	3.58B	18
19	19.0 B	1.72B	1.56B	14.4	2.78	2.71	2.92	2.19	4.61	6.3	5.24	3.49B	19
20	10.8 B	1.70B	9.70B	12.2	2.52	2.37	2.66	2.75	3.97	5.03	4.17	3.35B	20
21	7.40B	1.68B	7.00B	18.8	2.35	2.16	2.87	2.26	3.45	4.24	4.21	3.27B	21
22	6.70B	1.67B	5.85B	46.5	2.32	2.04	3.40	2.00	3.22	4.48	7.51	3.16B	22
23	5.78B	1.66B	4.79B	43.7	2.36	1.98	2.71	2.04	3.06	5.12	7.12	3.09B	23
24	5.40B	1.65B	4.10B	38.2	2.40	1.98	2.35	2.04	3.10	12.1	30.7	3.03B	24
25	5.13	1.64B	3.70B	36.6	2.57	2.86	2.15	2.35	3.61	9.77	62.2	2.99B	25
26	5.53	1.63B	3.48B	31.8	3.05	2.60	2.01	8.19	4.35	6.59	15.8	8.70	26
27	28.5	1.62B	8.90B	24.0	2.33	2.38	2.04	7.14	11.8	5.05	32.5	10.1	27
28	181	1.61B	14.3 B	19.7	2.07	2.44	2.03	7.66	8.32	4.73	23.1	4.60B	28
29	41.7		9.10B	16.3	1.96	2.77	8.73	7.25	5.02	4.49	11.0	3.70B	29
30	14.0		7.30B	12.0	2.03	2.56	7.68	4.70	3.91	4.76	7.02B	3.20B	30
31	7.32		17.9 B		2.54		5.87	3.43		7.63		2.92B	31
TOTAL	545.67	66.74	126.11	647.86	115.57	153.81	108.43	109.52	233.89	241.33	347.39	184.70	TOTAL
MEAN	17.6	2.38	4.07	21.6	3.73	5.13	3.50	3.53	7.80	7.78	11.6	5.96	MEAN
MAX	181	4.90	17.9	47.4	9.31	37.1	8.73	8.19	76.8	20.1	62.2	28.5	MAX
MIN	3.90	1.61	1.56	4.07	1.96	1.58	2.01	1.98	2.20	3.16	4.17	2.92	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.89
MAXIMUM DAILY, 181 ON JAN 28
MINIMUM DAILY, 1.56B ON MAR 15
MAXIMUM INSTANTANEOUS,
289 AT 13:25 AST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 28 N
LONG 60 56 49 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 100	JUL	9 370
FEB	5 770	AUG	9 460
MAR	10 900	SEP	20 200
APR	56 000	OCT	20 900
MAY	9 990	NOV	30 000
JUN	13 300	DEC	16 000

TOTAL DISCHARGE, 249 000 dam³

REMARKS - LOW FLOWS MAY INCLUDE RELEASES FROM THE UPSTREAM RESERVOIR

CHETICAMP RIVER BELOW ARTEMISE BROOK - STATION NO 01FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.63	---	---	---	---	---	0.899	2.74	0.899	1.24	1.15	1.50	1
2	3.19	---	---	---	---	---	0.872	1.67	0.864	0.944	1.03	1.72	2
3	2.57	---	---	---	---	---	0.959	1.24	0.862	0.718	1.43	1.61	3
4	2.39B	---	---	---	---	---	1.22	1.14	0.853	0.664	1.04	6.82	4
5	2.23B	---	---	---	---	---	1.43	1.03	0.821	3.25	1.30	4.18	5
6	2.07B	---	---	---	---	---	1.14	0.957	0.830	3.76	1.02	2.32	6
7	1.90B	---	---	---	---	---	0.995	0.921	0.836	3.71	0.805	1.94 B	7
8	1.79B	---	---	---	---	---	0.909	0.904	0.822	4.45	0.631	1.69 B	8
9	1.69B	---	---	---	---	---	0.897	0.891	0.812	2.15	1.67	1.52 B	9
10	1.61B	---	---	---	---	---	0.923	0.879	0.818	1.64	6.46	1.37 B	10
11	1.55B	---	---	---	---	1.26	1.53	0.878	0.920A	1.15	2.66	1.22 B	11
12	1.50B	---	---	---	---	0.901	1.44	0.879	15.2 E	0.851	1.48	1.13 B	12
13	3.89	---	---	---	---	0.700	1.12	0.838	6.00 E	0.743	1.01	1.03 B	13
14	16.5	---	---	---	---	0.624	0.973	0.814	2.40 E	0.684	0.912	0.980B	14
15	16.9	---	---	---	---	0.590	1.09	0.794	1.10 E	2.92	1.12	0.910B	15
16	12.3	---	---	---	---	0.498	1.15	0.784	0.940E	1.64	1.04	0.855B	16
17	6.20B	---	---	---	---	0.719	1.01	0.795	1.87 E	1.01	0.778	0.805B	17
18	4.10B	---	---	---	---	0.732	0.983	0.789	1.40 E	1.70	0.907	0.765B	18
19	2.80B	---	---	---	---	0.536	1.02	0.848	0.910E	1.45	1.09	0.720B	19
20	2.28B	---	---	---	---	0.452	1.05	1.07	0.880E	0.994	0.758	0.683B	20
21	2.02B	---	---	---	---	0.407	1.02	0.874	0.875E	0.768	0.823	0.640B	21
22	---	---	---	---	---	0.386	0.990	0.818	0.850E	0.783	3.07	0.600B	22
23	---	---	---	---	---	0.378	0.873	0.792	0.847E	1.14	2.14	0.578B	23
24	---	---	---	---	---	0.605	0.826	0.803	0.842E	3.49	5.20	0.550B	24
25	---	---	---	---	---	0.891	0.799	0.866	0.838E	2.62	11.6 E	0.527B	25
26	---	---	---	---	---	0.927	0.775	2.28	0.835E	1.60	3.95	2.34	26
27	---	---	---	---	---	0.886	0.795	1.77	2.50 E	1.04	7.54	3.35 B	27
28	---		---	---	---	0.972	0.825	2.50	1.20 E	0.998	5.24	1.60 B	28
29	---		---	---	---	1.03	3.22	1.79	0.990E	0.866	2.71	1.05 B	29
30	---		---	---	---	0.931	3.39	1.18	0.980E	0.909	1.95	0.850B	30
31	---		---		---		2.74	0.970		1.56		0.740B	31
TOTAL	---	---	---	---	---	---	37.863	35.704	50.786	51.242	72.815	46.573	TOTAL
MEAN	---	---	---	---	---	---	1.22	1.15	1.69	1.65	2.43	1.50	MEAN
MAX	---	---	---	---	---	---	3.39	2.74	15.2	4.45	11.6	6.82	MAX
MIN	---	---	---	---	---	---	0.775	0.784	0.812	0.664	0.758	0.527	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.378 ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 02 N
LONG 60 44 03 W
DRAINAGE AREA, 37.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 270
FEB	---	AUG	3 080
MAR	---	SEP	4 390
APR	---	OCT	4 430
MAY	---	NOV	6 290
JUN	---	DEC	4 020

REMARKS - LOW FLOWS MAY INCLUDE RELEASES FROM THE UPSTREAM RESERVOIR

NOVA SCOTIA

CLAM HARBOUR RIVER NEAR BIRCHTOWN - STATION NO. 01ER001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.83 B	2.05 B	0.241B	4.80B	1.76	0.291	1.49	0.192	0.426	2.68	0.627	1.68	1
2	1.65 B	1.38 B	0.237B	6.80B	1.44	0.436	1.00	0.182	0.331	1.85	0.576	1.10	2
3	1.48 B	1.15 B	0.234B	6.18	1.15	1.34	1.39	0.169	0.294	1.43	0.630	1.93	3
4	2.50 B	0.980B	0.230B	5.19	0.984	1.25	1.80	0.162	0.237	1.13	0.602	4.81	4
5	2.49 B	0.880B	0.228B	2.75	0.873	0.933	1.47	0.171	0.207	1.23	0.628	3.24	5
6	2.45 B	0.790B	0.222B	2.68	0.777	0.753	1.05	0.150	0.169	1.31	0.590	1.66 B	6
7	1.54 B	0.710B	0.217B	2.00	0.647	0.573	0.849	0.128	0.158	1.88	0.801	1.28 B	7
8	1.16 B	0.655B	0.214B	1.75	0.542	0.736	0.675	0.120	0.187	1.75	0.768	1.07 B	8
9	0.990B	0.603B	0.211B	3.95	0.459	1.87	0.540	0.115	0.148	1.32	0.774	0.980B	9
10	0.868B	0.560B	0.208B	17.2	0.403	1.65	0.460	0.123	0.117	1.22	1.57	0.925B	10
11	0.798B	0.521B	0.204B	11.6	0.345	0.791	0.405	0.121	0.128	1.16	1.35	0.863B	11
12	0.746B	0.490B	0.200B	7.03	0.329	0.666	0.345	0.110	0.377	0.983	1.07	0.820B	12
13	0.720B	0.464B	0.198B	5.95	0.504	0.483	0.267	0.104	0.309	0.840	0.931	0.776B	13
14	1.80 B	0.434B	0.196B	4.75	0.475	1.60	0.251	0.091	0.235	0.776	0.778	0.745B	14
15	4.32 B	0.413B	0.760B	4.07	0.375	1.34	0.467	0.076	0.192	1.56	0.951	0.716B	15
16	2.90 B	0.390B	1.33 B	5.50	0.298	0.908	0.646	0.065	0.842	1.30	0.723	0.687B	16
17	2.18 B	0.368B	1.02 B	6.10	0.261	0.865	0.702	0.067	6.65	1.03	0.759	0.668B	17
18	1.96 B	0.350B	0.880B	5.30	0.252	0.878	0.506	0.072	3.87	1.57	0.775	0.650B	18
19	1.80 B	0.337B	0.805B	3.88	0.253	0.698	0.390	0.580	2.43	1.54	0.666	0.635B	19
20	5.00 B	0.317B	0.746B	3.14	0.222	0.625	0.344	2.57	1.60	1.20	0.809	0.613B	20
21	8.55 B	0.309B	3.00 B	2.73	0.202	0.536	0.305	1.11	1.20	0.978	3.98	0.596B	21
22	5.25 B	0.299B	2.20 B	3.15	0.189	0.464	0.257	0.772	0.907	0.871	13.8	0.579B	22
23	3.30 B	0.290B	1.81 B	4.27	0.182	0.372	0.215	0.556	0.756	0.808	5.90	0.565B	23
24	2.38 B	0.280B	1.55 B	4.90	1.91	0.332	0.194	0.480	1.74	0.787	4.64	0.553B	24
25	2.10 B	0.271B	1.37 B	4.91	2.21	0.376	0.170	0.950	2.13	0.911	5.77	0.540B	25
26	1.95 B	0.263B	1.30 B	5.62	1.22	0.316	0.145	0.826	2.72	0.827	4.22	0.534B	26
27	1.72 B	0.255B	3.35 B	6.40	0.855	0.267	0.134	0.655	2.73	0.704	4.26	2.85 B	27
28	4.80 B	0.246B	6.00 B	4.38	0.655	0.276	0.223	0.857	2.09	0.768	3.80	2.10 B	28
29	10.2 B		5.54 B	3.17	0.512	0.684	0.224	0.836	1.44	0.814	2.71	1.60 B	29
30	6.00 B		5.28 B	2.27	0.418	1.64	0.214	0.613	1.61	0.797	2.15	1.13 B	30
31	3.40 B		5.00 B		0.784		0.202	0.518		0.733		0.999E	31
TOTAL	89.632	16.053	44.969	157.20	21.686	23.979	17.130	13.562	36.230	36.997	68.615	37.814	TOTAL
MEAN	2.89	0.573	1.45	5.24	0.680	0.786	0.553	0.437	1.21	1.19	2.29	1.22	MEAN
MAX	10.2	2.05	6.00	17.2	2.21	1.87	1.60	2.57	6.65	2.68	13.8	4.81	MAX
MIN	0.720	0.248	0.196	1.75	0.182	0.267	0.134	0.065	0.117	0.704	0.576	0.534	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.54
MAXIMUM DAILY 17.2 ON APR 10
MINIMUM DAILY 0.065 ON AUG 16
MAXIMUM INSTANTANEOUS
25.4E AT 00:51 AST ON NOV 22

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 06 N
LONG 61 27 36 W
DRAINAGE AREA 45.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 740	JUL	1 480
FEB	1 390	AUG	1 170
MAR	3 890	SEP	3 130
APR	13 600	OCT	3 200
MAY	1 820	NOV	5 930
JUN	2 040	DEC	3 270

TOTAL DISCHARGE 48 700 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 23.6 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

EAST RIVER AT ST. MARGARETS BAY - STATION NO. 01EH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.695	1.12	0.281B	2.49	0.856	0.592	0.219	1.12	0.486	0.458	0.340	1.48	1
2	0.715	1.02	0.273B	2.51	0.855	0.597	0.221	1.00	0.433	0.491	0.335	1.25	2
3	0.688	0.940	0.265B	2.46	0.988	0.779	0.289	0.891	0.391	0.457	0.344	1.19	3
4	1.54	0.830	0.253B	2.18	1.01	0.769	0.328	0.874	0.359	0.466	0.331	2.16	4
5	2.14	0.760	0.248B	1.91	0.942	0.675	0.353	0.846	0.327	0.502	0.327	2.48	5
6	1.95	0.692	0.239B	1.63	0.843	0.619	0.352	0.764	0.284	0.507	0.324	1.98	6
7	1.55	0.600B	0.231B	1.45	0.775	0.569	0.319	0.647	0.267	0.480	0.332	1.59	7
8	1.27	0.525B	0.225B	1.27	0.674	0.670	0.295	0.535	0.255	0.457	0.346	1.26	8
9	1.11	0.488	0.219B	1.46	0.571	0.884	0.260	0.562	0.249	0.426	0.364	1.10 B	9
10	0.572	0.417	0.272B	2.94	0.512	0.872	0.251	0.607	0.234	0.405	0.430	0.995	10
11	0.824	0.385	0.327	3.98	0.451	0.765	0.224	0.597	0.231	0.372	0.471	0.938	11
12	0.730B	0.335B	0.366	3.62	0.421	0.643	0.206	0.548	0.229	0.351	0.497	0.902	12
13	0.707	0.316B	0.398	3.22	0.476	0.555	0.189	0.442	0.222	0.336	0.513	0.858	13
14	0.827	0.298B	0.416	2.55	0.379	0.574	0.186	0.385	0.211	0.338	0.505	0.771	14
15	1.00 B	0.288	0.736	2.01	0.351	0.561	0.219	0.363	0.190	0.518	0.468	0.694	15
16	0.910B	0.283	1.20	1.62	0.326	0.518	0.266	0.349	0.208	0.723	0.470	0.644	16
17	0.820B	0.262B	1.38	1.45	0.316	0.457	0.273	0.337	0.379	0.837	0.469	0.581	17
18	0.781	0.265	1.31	1.21	0.346	0.409	0.270	0.335	0.539	0.898	0.449	0.499	18
19	0.766	0.251	1.28	1.07	0.367	0.358	0.256	0.464	0.590	0.884	0.448	0.488	19
20	2.16	0.253	2.54	0.980	0.381	0.316	0.235	0.822	0.550	0.759	0.476	0.525	20
21	5.56	0.260	3.21	0.877	0.378	0.282	0.215	0.941	0.496	0.724	0.591	0.569	21
22	4.20	0.331	2.70	0.815	0.352	0.252	0.200	0.872	0.448	0.700	1.48	0.549	22
23	2.85	0.362	2.14	0.813	0.458	0.229	0.234	0.754	0.390	0.664	2.17	0.520	23
24	2.12	0.346	1.73	0.846	1.39	0.227	0.423	0.670	0.391	0.604	2.16	0.463	24
25	1.46	0.351	1.43	1.05	2.34	0.231	0.389	0.676	0.422	0.538	2.83	0.447	25
26	1.26	0.336	1.31	1.11	1.90	0.214	0.367	0.646	0.445	0.488	2.71	0.978	26
27	1.25	0.337	1.50	1.14	1.43	0.200	0.401	0.581	0.462	0.444	2.76	1.31	27
28	1.52	0.308	1.96	1.12	1.12	0.204	0.600	0.623	0.426	0.413E	2.70	1.25	28
29	1.65		2.14	1.07	0.956	0.203	1.08	0.670	0.387	0.390E	2.34	1.11	29
30	1.53		2.11	0.983	0.789	0.214	1.32	0.625	0.407	0.374E	1.81	0.955	30
31	1.30		2.20		0.681		1.17	0.528		0.357A		0.853	31
TOTAL	47.078	12.920	34.858	52.104	23.571	14.438	11.630	20.099	10.908	15.402	29.780	31.373	TOTAL
MEAN	1.52	0.461	1.12	1.74	0.760	0.481	0.375	0.648	0.364	0.529	0.993	1.01	MEAN
MAX	5.56	1.12	3.21	3.98	2.34	0.884	1.32	1.12	0.590	0.898	2.83	2.48	MAX
MIN	0.688	0.250	0.219	0.813	0.316	0.200	0.186	0.335	0.190	0.336	0.324	0.447	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.826
MAXIMUM DAILY 5.56 ON JAN 21
MINIMUM DAILY 0.186 ON JUL 14
MAXIMUM INSTANTANEOUS
5.86 AT 12:37 AST ON JAN 21

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 06 N
LONG 63 52 18 W
DRAINAGE AREA 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 070	JUL	1 000
FEB	1 120	AUG	1 740
MAR	3 010	SEP	942
APR	4 500	OCT	1 420
MAY	2 040	NOV	2 570
JUN	1 250	DEC	2 710

TOTAL DISCHARGE 26 400 dam³

FRASER BROOK NEAR ARCHIBALD - STATION NO. 01DH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.280B	0.210B	0.046B	0.976	0.159	0.032	0.030	0.570	0.086	0.249	0.082	0.199B	1
2	0.210B	0.180B	0.045B	0.998	0.282	0.135	0.024	0.343	0.045	0.179	0.092	0.164B	2
3	0.140B	0.160B	0.045B	0.774	0.276	0.176	0.056	0.231	0.037	0.138	0.108	0.388	3
4	0.640B	0.146B	0.044B	0.483B	0.176	0.082	0.076	0.353	0.032	0.147	0.081	0.759	4
5	0.440B	0.135B	0.044B	0.363B	0.144	0.057	0.055	0.213	0.027	0.202	0.079	0.398	5
6	0.280B	0.125B	0.043B	0.271B	0.146	0.049	0.052	0.139	0.024	0.152	0.089	0.279	6
7	0.180B	0.115B	0.043B	0.197B	0.126	0.034	0.030	0.108	0.081	0.164	0.149	0.158B	7
8	0.145B	0.105B	0.042B	0.172B	0.108	0.095	0.023	0.087	0.055	0.126	0.115	0.127B	8
9	0.120B	0.088B	0.042B	0.394B	0.094	0.125	0.017	0.083	0.032	0.106	0.151	0.101B	9
10	0.110B	0.092B	0.042B	1.27	0.084	0.056	0.012	0.082	0.025	0.121	0.296	0.299	10
11	0.100B	0.085B	0.120B	0.850	0.078	0.042	0.011	0.069	0.081	0.103	0.155	0.316	11
12	0.088B	0.081A	0.201B	0.841	0.079	0.037	0.012	0.058	0.127	0.090	0.140B	0.181	12
13	0.117B	0.076B	0.142B	0.676	0.080	0.052	0.010	0.043	0.072	0.084	0.120B	0.154	13
14	0.205B	0.073B	0.094B	0.504	0.066	0.165	0.085	0.034	0.044	0.164	0.093	0.115	14
15	0.140B	0.070B	0.445B	0.427	0.056	0.082	0.169	0.030	0.031	0.527	0.095	0.113	15
16	0.120B	0.064B	0.500B	0.396	0.047	0.050	0.115	0.030	0.413	0.221	0.114	0.081	16
17	0.118B	0.060B	0.350B	0.414	0.053	0.073	0.061	0.130	0.627	0.167	0.107	0.070B	17
18	0.116B	0.058B	0.260B	0.307	0.083	0.050	0.033	0.081	0.226	0.253	0.098B	0.068	18
19	0.113B	0.055B	0.332B	0.251	0.066	0.031	0.048	0.081	0.154	0.179	0.072	0.097	19
20	0.400B	0.053B	1.70 B	0.224	0.052	0.023	0.030	0.089	0.120	0.148	0.104	0.099	20
21	0.900B	0.051B	1.30 B	0.234	0.045	0.019	0.026	0.055	0.094	0.127	0.273	0.082	21
22	0.620B	0.050B	1.00 B	0.245	0.043	0.016	0.021	0.041	0.076	0.157	0.576	0.073	22
23	0.350B	0.049B	0.800B	0.328	0.060	0.020	0.014	0.043	0.157	0.137	0.265	0.088	23
24	0.250B	0.049B	0.640B	0.484	0.118	0.031	0.010	0.049	0.664	0.136	0.796	0.084	24
25	0.130B	0.048B	0.440B	0.431	0.078	0.019	0.008	0.127	0.414	0.119	0.762	0.110	25
26	0.142B	0.048B	0.660B	0.344	0.054	0.013	0.007	0.073	0.306	0.104	0.408	0.866	26
27	0.500B	0.047B	1.10 B	0.275	0.040	0.012	0.017	0.112	0.264	0.104	1.06	0.293B	27
28	0.700B	0.046B	0.900B	0.236	0.034	0.060	0.897	0.189	0.177	0.128	0.560	0.205B	28
29	0.600B		0.660B	0.216	0.032	0.066	1.44	0.146	0.144	0.106	0.399	0.153B	29
30	0.500B		0.825B	0.178	0.028	0.049	0.702	0.077	0.217	0.097	0.281B	0.113B	30
31	0.320B		1.24		0.030		0.776	0.076		0.094		0.083B	31
TOTAL	9.074	2.429	14.145	13.769	2.817	1.757	4.867	3.842	4.832	4.829	7.730	6.316	TOTAL
MEAN	0.293	0.087	0.456	0.459	0.091	0.059	0.157	0.124	0.161	0.156	0.258	0.204	MEAN
MAX	0.900	0.210	1.70	1.27	0.282	0.176	1.44	0.570	0.664	0.527	1.06	0.866	MAX
MIN	0.088	0.046	0.042	0.172	0.028	0.012	0.007	0.030	0.024	0.084	0.072	0.068	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.209
MAXIMUM DAILY, 1.70B ON MAR 20
MINIMUM DAILY, 0.007 ON JUL 26
MAXIMUM INSTANTANEOUS,
4.66E AT 14:15 AST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 35 N
LONG 63 10 05 W
DRAINAGE AREA, 5.07 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	784	JUL	421
FEB	210	AUG	332
MAR	1 220	SEP	417
APR	1 190	OCT	417
MAY	243	NOV	668
JUN	152	DEC	546

TOTAL DISCHARGE, 6 600 dam^3

REMARKS - THE E FOR DISCHARGES ABOVE 2.06 IS DUE TO CURVE EXTENSION

GOLD RIVER AT MOSHER'S FALLS - STATION NO. 01EG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	16.0 B	2.15B	35.8	16.0	9.56	2.79	42.9	8.47	8.23	4.65	20.5	1
2	12.1	12.8 B	2.14B	34.2	14.0	8.42	2.40	36.5	7.12	7.84	4.32	16.9	2
3	10.8 B	10.7 B	2.12B	31.2	12.9	8.79	2.47	27.7	5.96	6.93	4.24	15.4	3
4	15.2 B	9.10B	2.10B	27.7	11.7	8.74	2.85	23.4	5.09	6.87	4.18	34.7	4
5	25.2 B	7.90B	2.08B	23.4	10.3	7.56	2.75	21.6	4.56	9.24	3.88	37.1	5
6	21.4 B	7.00B	2.07B	19.4	8.76	6.85	2.48	17.4	3.99	9.10	3.73	29.6	6
7	16.5 B	6.40B	2.06B	16.7	7.93	6.37	2.20	14.0	3.68	8.84	5.24	23.8	7
8	13.0 B	5.80B	2.05B	15.[illegible]	6.99	6.32	1.89	11.6	4.11	8.46	6.20	18.9	8
9	11.0 B	5.25B	2.04B	15.6	5.97	14.8	1.83	14.3	3.85	7.66	5.97	17.3 B	9
10	9.00B	4.95B	2.01B	27.1	5.31	17.2	1.64	13.9	3.64	6.84	7.57	15.9 B	10
11	8.00B	4.45B	2.50B	43.0	4.74	13.6	1.42	11.1	3.17	5.86	8.42	14.9 B	11
12	7.35B	4.20B	3.50B	41.5	4.51	11.5	1.24	8.95	2.82	5.20	8.00	12.8	12
13	7.00B	3.90B	4.70B	35.0	4.45	9.65	1.13	7.20	2.67	4.84	8.21	12.2 B	13
14	6.70B	3.60B	5.80B	29.7	4.12	9.86	1.10	5.55	2.54	4.62	7.96	11.4 B	14
15	6.50B	3.42B	7.30B	24.5	3.72	10.0	1.52	4.72	2.31	6.79	7.44	10.1	15
16	6.30B	3.28B	9.80B	20.6	3.37	8.57	2.01	4.24	2.28	11.8	6.84	9.03B	16
17	6.20B	3.13B	11.7 B	17.4	3.05	7.00	1.87	6.33	6.04	10.3	6.38	8.01B	17
18	6.15B	2.88B	15.0 B	15.6	3.21	7.07	1.54	7.09	8.53	9.76	5.89	7.00B	18
19	6.00B	2.78B	19.2 B	13.4	3.61	6.17	1.35	7.52	8.42	10.0	5.39	6.43	19
20	14.0 B	2.68B	43.3	12.0	3.47	5.32	1.23	11.3	7.69	9.16	5.37	7.78	20
21	34.0 B	[illegible]	73.6	10.6	3.23	4.96	1.08	10.2	6.61	8.35	6.86	8.01B	21
22	49.0 B	2.50B	60.1	9.59	3.11	4.36	1.03	8.41	5.59	7.61	25.9	6.32B	22
23	43.0	2.42B	44.7	9.46	3.49	3.83	0.892	7.02	5.03	7.02	27.8	5.64B	23
24	25.6	2.38B	34.0	13.6	12.7	3.46	0.821	6.13	5.72	6.36	23.0	4.97B	24
25	20.0	2.34B	27.1	16.8	21.8	3.17	0.752	10.5	7.25	5.74	29.7	4.75B	25
26	25.0 B	2.30B	22.9	18.0	21.9	2.79	0.887	12.2	8.54	5.45	29.3	18.9	26
27	28.5 B	2.26B	30.2	21.7	20.1	2.45	0.676	10.9	8.03	5.17	30.7	25.9	27
28	60.7	2.22B	46.7	23.9	17.1	2.21	5.37	12.2	7.02	5.25	35.9	20.7 B	28
29	49.1		45.4	21.7	14.6	2.17	29.5	13.1	6.10	5.33	30.6	16.8 B	29
30	35.9		38.3	18.9	12.6	2.55	[illegible]	11.6	6.30	5.19	24.9	13.5 B	30
31	26.0 B		35.3		10.9		31.4	9.73		4.93		11.6 B	31
TOTAL	605.40	139.24	601.82	664.25	279.64	216.04	138.228	409.19	163.03	226.74	384.54	467.04	TOTAL
MEAN	19.5	4.97	19.4	22.1	9.02	7.20	4.46	13.2	5.43	7.31	12.8	15.1	MEAN
MAX	60.7	16.0	73.6	43.0	21.9	17.2	31.4	42.9	8.54	11.8	35.9	37.1	MAX
MIN	6.00	2.22	2.01	9.46	3.05	2.17	0.676	4.24	2.28	4.62	3.73	4.75	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 73.6 ON MAR 21
MINIMUM DAILY, 0.676 ON JUL 27
MAXIMUM INSTANTANEOUS,
76.6 AT 09:44 AST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 52 N
LONG 64 21 06 W
DRAINAGE AREA, 370 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 300	JUL	11 900
FEB	12 000	AUG	35 400
MAR	52 000	SEP	14 100
APR	57 400	OCT	19 600
MAY	24 200	NOV	33 200
JUN	18 700	DEC	40 400

TOTAL DISCHARGE, 371 000 dam^3

GRAND RIVER AT LOCH LOMOND - STATION NO 01FH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.98	11.7 E	1.95B	6.66A	8.91A	1.29	2.59	0.783	1.65	2.93	2.09	11.1 A	1
2	5.88	10.1 E	1.92B	10.9	8.43	1.30	2.80	0.756	1.57	2.93	2.03	9.82	2
3	5.63	9.10E	1.88B	12.2	7.61	1.83	2.85	0.689	1.51	2.82	2.03	8.68	3
4	5.89	7.95E	1.85B	13.2	6.98	2.00	3.01	0.707	1.35	2.69	1.92	9.10	4
5	5.91	7.15E	1.82B	13.5	6.33	2.23	3.09	0.704	1.24	3.00	1.90	9.64	5
6	6.79	6.52E	1.80B	13.4	5.70	2.34	3.09	0.650	1.13	3.05	1.81	9.26	6
7	7.20E	6.05E	1.78B	13.4	5.16	2.30	2.90	0.595	1.04	3.28	1.87	8.84A	7
8	7.22E	5.35E	1.77B	13.5	4.58	2.38	2.75	0.563	0.999	3.16	1.82	8.18	8
9	6.75	5.00E	1.76B	12.5	4.13	3.71	2.62	0.553	0.899	2.95	1.95	7.13	9
10	5.91	4.57E	1.75B	16.4	3.72	4.39	2.45	0.550	0.795	3.00	2.68	6.65	10
11	4.98	4.28E	1.74B	19.4	3.46	4.38	2.27	0.523	0.784	2.79	3.07	5.97	11
12	4.80	3.95E	1.73B	19.6	3.30	4.18	2.14	0.494	1.12	2.85	3.14	5.53	12
13	4.28A	3.70E	1.71B	19.6	3.34	3.90	1.94	0.485	1.33	2.51	3.14	5.01A	13
14	4.15E	3.41E	1.70B	19.6	3.11	3.94	1.81	0.417	1.42	2.34	3.07	4.80A	14
15	6.45E	3.20E	1.69B	19.5 A	2.94	3.82	1.83	0.383	1.35	2.94	2.88	4.44	15
16	7.70E	3.02E	2.61	18.4 E	2.72	3.61	1.68	0.356	1.54	3.46	2.88	4.04	16
17	9.00E	2.81E	2.58	17.7 E	2.54	3.33	1.54	0.338	2.92	3.58	2.98	3.74	17
18	9.40E	2.65B	2.60	16.9 E	2.42	3.18	1.45	0.346	3.45	3.90	2.99	3.43	18
19	9.10E	2.51B	2.62	16.4 E	2.28	3.01	1.40	0.469	3.52	3.99	3.15	3.16	19
20	8.50E	2.40B	3.21	15.7 E	2.20	2.80	1.38	1.20	3.48	4.04	3.05	3.12	20
21	11.4 E	2.32B	3.80	15.0 E	2.08	2.57	1.18	1.62	3.33	3.85	3.34	2.92	21
22	12.3 E	2.28B	4.04	14.4 E	1.86	2.33	1.12	1.70	3.10	3.66	8.43A	2.69	22
23	12.7 E	2.19B	4.07	13.8 E	1.81	2.08	1.02	1.74	2.89	3.54	8.84A	2.59	23
24	12.4 E	2.14B	4.04	13.3 E	1.85	1.93	0.940	1.61	2.87	3.43	10.7	2.40	24
25	11.8 E	2.08B	4.12	12.6 E	1.93	1.84	0.819	1.72	2.83	3.14	12.2	2.29	25
26	10.8 E	2.02B	4.05	11.9 E	1.88	1.77	0.774	1.75	2.83	2.97	12.6	3.07	26
27	9.35E	1.98B	4.06	11.5 E	1.77	1.62	0.849	1.68	3.17	2.87	13.0	3.88A	27
28	14.0 E	1.96B	4.16	11.0 E	1.63	1.57	0.946	1.79	3.10	2.83	12.4 A	4.08E	28
29	15.2 E		4.33	10.4 E	1.58	1.74	0.934	1.87	3.03	2.70	12.0 E	3.99A	29
30	15.0 E		4.26	8.85E	1.42	2.24	0.905	1.80	2.86	2.46	11.4 E	3.86	30
31	13.4 E		3.73		1.36		0.861	1.75		2.38		3.76A	31
TOTAL	270.87	122.35	85.13	432.31	109.01	79.59	55.838	30.591	63.137	95.84	155.36	167.18	TOTAL
MEAN	8.74	4.37	2.75	14.4	3.52	2.65	1.80	0.987	2.10	3.09	5.18	5.39	MEAN
MAX	15.2	11.7	4.33	19.6	8.91	4.39	3.09	1.87	3.52	4.04	13.0	11.1	MAX
MIN	4.15	1.96	1.69	6.66	1.36	1.29	0.774	0.338	0.784	2.34	1.81	2.29	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.57
MAXIMUM DAILY, 19.6 ON APR 12
MINIMUM DAILY, 0.338 ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 48 N
LONG 60 36 12 W
DRAINAGE AREA, 120 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 400	JUL	4 820
FEB	10 600	AUG	2 640
MAR	7 360	SEP	5 460
APR	37 400	OCT	8 280
MAY	9 420	NOV	13 400
JUN	6 880	DEC	14 400

TOTAL DISCHARGE, 144 000 dam³

INDIAN BROOK AT INDIAN BROOK - STATION NO 01FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	8.99A	1.23 A	0.928	4.30	0.323	1.97	2.77	4.65B	1
2	---	---	---	---	8.99A	1.51 A	0.788	1.75	0.302E	1.83	2.86	4.15B	2
3	---	---	---	---	7.45A	2.21 A	0.803	1.03	0.264E	1.68	2.86	3.89B	3
4	---	---	---	---	6.60A	3.30 A	0.921	0.763	0.253E	1.58	2.67	37.3 E	4
5	---	---	---	---	5.60A	4.47 A	1.14	0.701	0.250E	2.86	2.64	17.6	5
6	---	---	---	---	4.70A	3.98 A	0.943	0.578	0.248E	3.07	2.48	9.16	6
7	---	---	---	---	4.60A	2.21 A	0.791	0.446	0.242E	2.57	2.45	5.00B	7
8	---	---	---	---	4.47A	1.80 A	0.885	0.408	0.237E	2.90	2.43	4.12B	8
9	---	---	---	---	4.91A	3.10 A	0.837	0.381	0.235E	2.63	2.51	3.70B	9
10	---	---	---	---	4.87A	4.40 A	0.590	0.428	0.241E	2.43	4.62	3.41B	10
11	---	---	---	---	4.95A	3.25 A	0.556	0.389	0.272E	2.23	3.66	3.30B	11
12	---	---	---	---	4.60A	2.58 A	0.575	0.341	5.60	2.21	3.04	3.18B	12
13	---	---	---	---	3.88A	2.20 A	0.570	0.324	2.80	2.26	2.89	3.00B	13
14	---	---	---	---	3.56A	1.97 A	0.519	0.311	1.14	2.31	2.53	2.91B	14
15	---	---	---	---	3.35A	1.80 A	0.734	0.246E	0.713	3.10	2.69	2.83B	15
16	---	---	---	---	3.29A	1.75 A	0.867	0.241E	0.802	2.99	2.77	2.74B	16
17	---	---	---	21.5 A	3.24A	1.72 A	0.696	0.238E	7.75	2.79	2.67	2.67B	17
18	---	---	---	14.5 A	3.20A	1.70	0.578	0.241E	1.85	5.00	2.80	2.63B	18
19	---	---	---	8.68A	2.91A	1.39	0.524	1.10	1.12	4.52	3.53	2.59B	19
20	---	---	---	6.73A	2.68A	1.22	0.852	3.02	0.890	3.44	2.91	2.54B	20
21	---	---	---	6.87A	2.40A	1.06	0.865	1.24	0.778	3.03	7.61	2.50B	21
22	---	---	---	11.5 A	2.09A	0.995	0.679	0.659	0.755	2.85	47.2 E	2.47B	22
23	---	---	---	21.6 A	1.85A	0.969	0.53[illegible]	0.449	0.728	2.95	20.1	2.44B	23
24	---	---	---	21.6 A	2.50A	0.961	0.452	0.362	0.888	3.30	21.4	2.40B	24
25	---	---	---	16.6 A	3.06A	0.951	0.396	0.714	1.91	3.08	38.1 E	2.37B	25
26	---	---	---	13.1 A	3.74A	0.879	0.34[illegible]	0.972	3.50	2.87	15.7	21.5	26
27	---	---	---	13.1 A	2.41A	0.819	0.329	0.876	2.88	2.63	28.5 E	13.6	27
28	---	---	---	12.3 A	1.83A	0.841	0.320	0.841	2.12	3.41	21.1	4.40B	28
29	---		---	12.6 A	1.41A	1.06	0.867	0.786	1.68	3.32	10.8	3.55B	29
30	---		---	9.08A	1.19A	0.982	1.72	0.548	1.56	3.00	5.82B	3.04B	30
31	---		---		1.09A		3.83	0.412		2.93		2.80B	31
TOTAL	---	---	---	---	120.81	57.307	24.837	24.896	42.029	87.75	273.81	182.57	TOTAL
MEAN	---	---	---	---	3.89	1.91	0.801	0.803	1.40	2.83	9.13	5.89	MEAN
MAX	---	---	---	---	8.99	4.47	3.83	4.30	7.75	5.00	47.2	37.3	MAX
MIN	---	---	---	---	1.09	0.819	0.320	0.238	0.235	1.58	2.43	2.37	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.235E ON SEP 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 15 N
LONG 60 32 05 W
DRAINAGE AREA, 125 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 150
FEB	---	AUG	2 150
MAR	---	SEP	3 630
APR	---	OCT	7 560
MAY	10 400	NOV	23 700
JUN	4 950	DEC	15 800

REMARKS - LOW FLOWS MAY INCLUDE RELEASES FROM THE UPSTREAM RESERVOIR

NOVA SCOTIA

KEJIMKUJIK LAKE - STATION NO. 01ED006

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.962	1.684	0.933	1.854	1.424	0.939	0.856	1.004	1.066	0.957	0.922	1.389	1
2	0.967	1.695	0.923	1.834	1.394	0.933	0.845	1.119	1.050	0.964	0.911	1.399	2
3	0.976	1.669	0.910	1.814	1.375	0.927	0.850	1.213	1.027	0.967	0.907	1.415	3
4	1.037	1.628	0.897	1.780	1.34[illegible]	0.923	0.845	1.313	1.007	0.961	0.894	1.483	4
5	1.064	1.594	0.877	1.735	1.310	0.909	0.837	1.377	0.991	0.959	0.885	1.523	5
6	1.100	1.550	0.870	1.683	1.287	0.907	0.834	1.406	0.969	0.968	0.881	1.554	6
7	1.128	1.503	0.875	1.636	1.258	0.907	0.825	1.417	0.958	0.973	0.894	1.568	7
8	1.139	1.460	0.867	1.601	1.226	0.923	0.825	1.415	0.948	0.965	0.893	1.571	8
9	1.147	1.412	0.858	1.573	1.195	0.949	0.812	1.436	0.932	0.966	0.908	1.546	9
10	1.156	1.369	0.856	1.574	1.166	0.960	0.802	1.442	0.912	0.959	0.926	1.544	10
11	1.151	1.321	0.854	1.574	1.134	0.963	0.784	1.444	0.890	0.955	0.933	1.526	11
12	1.150	1.287	0.857	1.590	1.106	0.985	0.772	1.434	0.889	0.946	0.951	1.506	12
13	1.140	1.246	0.859	1.598	1.076	0.985	0.766	1.408	0.879	0.940	0.958	1.480	13
14	1.139	1.213	0.886	1.593	1.048	0.969	0.763	1.372	0.857	0.939	0.965	1.446	14
15	1.127	1.181	0.951	1.597	1.025	0.986	0.766	1.332	0.834	0.958	0.970	1.421	15
16	1.113	1.155	1.011	1.575	0.999	0.986	0.755	1.306	0.840	0.957	0.971	1.388	16
17	1.097	1.123	1.081	1.550	0.985	0.997	0.753	1.279	0.864	0.959	0.969	1.354	17
18	1.086	1.095	1.142	1.520	0.989	0.996	0.747	1.250	0.874	0.961	0.969	1.316	18
19	1.077	1.069	1.203	1.482	0.959	0.984	0.736	1.240	0.880	0.968	0.970	1.290	19
20	1.104	1.040	1.369	1.449	0.939	0.976	0.733	1.225	0.875	0.980	0.977	1.269	20
21	1.181	1.014	1.569	1.410	0.922	0.978	0.723	1.210	0.869	0.955	0.978	1.247	21
22	1.259	1.031	1.733	1.374	0.901	0.963	0.711	1.195	0.871	0.957	1.010	1.225	22
23	1.331	1.016	1.849	1.355	0.901	0.957	0.705	1.164	0.882	0.955	1.037	1.205	23
24	1.382	0.998	1.916	1.352	0.922	0.958	0.691	1.149	0.890	0.950	1.076	1.184	24
25	1.414	0.985	1.922	1.366	0.936	0.943	0.686	1.139	0.907	0.946	1.118	1.172	25
26	1.433	0.974	1.893	1.386	0.944	0.924	0.675	1.117	0.911	0.937	1.156	1.192	26
27	1.457	0.966	1.877	1.413	0.950	0.905	0.670	1.107	0.917	0.931	1.230	1.202	27
28	1.510	0.950	1.882	1.431	0.949	0.896	0.712	1.112	0.923	0.935	1.283	1.208	28
29	1.577		1.885	1.437	0.953	0.889	0.762	1.112	0.918	0.933	1.341	1.204	29
30	1.635		1.880	1.436	0.950	0.880	0.786	1.097	0.944	0.928	1.378	1.205	30
31	1.681		1.870		0.948		0.874	1.082		0.922		1.201	31
MEAN	1.217	1.259	1.270	1.552	1.080	0.945	0.771	1.255	0.918	0.953	1.009	1.362	MEAN
MAX	1.681	1.695	1.922	1.854	1.424	0.997	0.874	1.444	1.066	0.973	1.378	1.571	MAX
MIN	0.962	0.950	0.854	1.352	0.901	0.880	0.670	1.004	0.834	0.922	0.881	1.172	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 1.132
MAXIMUM DAILY, 1.922 ON MAR 25
MINIMUM DAILY, 0.670 ON JUL 27
MAXIMUM INSTANTANEOUS,
1.931 AT 05:35 AST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 58 N
LONG 65 12 23 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 88.072 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD - STATION NO. 01DL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.870B	1.80 B	0.320B	8.43	1.38	0.644	0.386	9.43	0.854	1.40	0.475	1.90 E	1
2	0.970B	1.45 B	0.315B	7.20	1.25	1.28	0.306	4.43	0.672	1.15	0.537	1.62 E	2
3	0.810B	1.23 B	0.305B	6.22	1.19	1.88	0.450	2.39	0.834	0.863	0.922	4.30 E	3
4	0.900B	1.06 B	0.297B	4.27	1.02	1.30	0.483	4.85	0.711	0.994	0.749	10.5 A	4
5	1.04 B	1.00 B	0.289B	3.12	0.884	0.958	0.391	3.56	0.573	1.25	0.670	5.39	5
6	0.840B	0.840B	0.281B	2.23	0.888	0.820	0.324	1.79	0.508	1.01	0.608	3.38	6
7	0.720B	0.760B	0.273B	1.89	0.835	0.641	0.265	1.15	0.540	1.51	0.548	2.51	7
8	0.630B	0.670B	0.267B	1.73	0.715	1.43	0.256	0.942	0.534	1.16	0.579	2.02	8
9	0.550B	0.620B	0.260B	3.55	0.630	3.89	0.233	3.24	0.414	0.906	1.28	1.77	9
10	0.500B	0.580B	0.256B	10.4	0.570	2.11	0.202	3.35	0.382	0.824	3.30	1.64 B	10
11	0.445B	0.550B	0.320B	8.89	0.510	1.20	0.197	2.06	0.407	0.797	1.91	1.50 B	11
12	0.405B	0.530B	0.395B	6.96	0.507	0.872	0.187	1.40	1.12	0.676	1.42	1.37 B	12
13	0.389B	0.515B	0.335B	6.00	0.488	0.703	0.163	0.906	2.94	0.590	1.36	1.28 B	13
14	0.364B	0.495B	0.307B	4.14	0.474	0.748	0.154	0.637	1.67	0.621	1.18	1.19 B	14
15	0.347B	0.480B	1.20 B	3.07	0.422	0.724	0.230	0.535	0.955	2.08	1.12	1.10 B	15
16	0.328B	0.465B	4.90 B	2.64	0.389	0.585	0.280	0.474	0.823	1.64	0.821	1.01 B	16
17	0.318B	0.450B	3.90 B	3.58	0.330	0.552	0.354	1.44	1.06	1.08	0.811A	0.940B	17
18	0.340B	0.435B	3.60 B	3.02	0.348	0.529	0.277	1.15	0.780	1.08	0.760E	0.900B	18
19	0.380B	0.425B	3.37 B	2.29	0.356	0.421	0.273	0.882	0.818	1.04	0.690E	0.850B	19
20	2.00 B	0.410B	5.60 B	1.87	0.333	0.338	0.228	0.945	0.549	0.881	1.50 E	0.800B	20
21	8.90 B	0.397B	11.8 B	1.66	0.319	0.304	0.201	0.823	0.478	0.786	8.90 E	0.865B	21
22	7.70 B	0.385B	9.50 B	1.71	0.310	0.258	0.183	0.806	0.427	0.803	4.20 E	0.835B	22
23	5.60 B	0.375B	5.40 B	2.96	1.50	0.225	0.148	0.521	0.458	0.807	2.30 E	0.810B	23
24	4.40 B	0.365B	3.20 B	5.59	5.00	0.287	0.126	1.23	2.40	0.712	2.95 E	0.780B	24
25	2.50 B	0.355B	2.40 B	3.88	4.26	0.298	0.123	4.89	1.99	0.636	3.85 E	0.780B	25
26	1.60 B	0.345B	2.05 B	2.98	2.34	0.275	0.109	2.31	1.48	0.591	2.80 E	2.00 B	26
27	10.5 B	0.338B	4.50 B	2.48	1.45	0.248	0.152	1.78	1.08	0.554	5.95 E	1.58 B	27
28	7.00 B	0.330B	13.0 B	2.09	1.08	0.263	2.03	5.20	0.841	0.578	3.45 E	1.35 B	28
29	4.10 B		11.4 B	1.78	0.874	0.385	7.49	2.88	0.688	0.582	2.80 E	1.20 B	29
30	2.55 B		10.0 B	1.56	0.702	0.483	3.83	1.84	0.977	0.557	2.35 E	1.10 B	30
31	2.15 B		9.30 B		0.633		8.60	1.11		0.505		1.00 B	31
TOTAL	70.147	17.655	109.340	118.01	31.927	24.759	28.631	68.541	27.751	28.605	60.790	58.250	TOTAL
MEAN	2.26	0.631	3.53	3.93	1.03	0.825	0.924	2.21	0.925	0.923	2.03	1.88	MEAN
MAX	10.5	1.80	13.0	10.4	5.00	3.89	8.60	9.43	2.94	2.08	8.90	10.5	MAX
MIN	0.318	0.330	0.256	1.56	0.310	0.225	0.109	0.474	0.382	0.505	0.475	0.760	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.77
MAXIMUM DAILY, 13.0B ON MAR 28
MINIMUM DAILY, 0.109 ON JUL 26
MAXIMUM INSTANTANEOUS,
13.1 AT 17:51 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 35 10 N
LONG 64 27 05 W
DRAINAGE AREA, 63.2 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 060	JUL	2 470
FEB	1 530	AUG	5 920
MAR	9 450	SEP	2 400
APR	10 200	OCT	2 470
MAY	2 760	NOV	5 250
JUN	2 140	DEC	5 030

TOTAL DISCHARGE, 55 700 dam^3

NOVA SCOTIA

LAHAVE RIVER AT WEST NORTHFIELD - STATION NO 01EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.4B	87.8B	11.8 B	119	50.8	25.7	10.8	165	25.3	23.2	18.1	71.0	1
2	24.7B	69.0B	11.3 B	113	45.1	24.3	10.4	148	22.4	23.9	15.4	60.1	2
3	24.3B	59.0B	10.9 B	104	41.1	24.2	10.9	117	20.2	22.9	15.1	56.3	3
4	48.1B	53.2B	10.7 B	92.7	36.0	22.4	11.2	105	18.1	22.1	14.8	91.0	4
5	51.7B	46.0B	10.5 B	81.4	33.2	21.0	11.4	103	16.8	25.4	14.6	103	5
6	50.7B	42.9B	10.3 B	70.5	30.7	19.7	10.5	89.8	15.2	27.1	14.6	93.6	6
7	49.6B	39.1B	10.1 B	61.4	28.4	18.9	10.3	74.3	14.6	27.2	17.3	80.2	7
8	48.6B	35.8B	9.80B	55.6	25.7	21.2	9.88	62.8	14.8	25.9	19.4	67.6	8
9	47.6B	32.8B	9.70B	57.5	23.2	39.1	9.28	74.5	14.4	24.8	19.9	47.3	9
10	44.6B	30.8B	9.61B	51.6	21.1	42.5	8.47	62.3	13.6	23.1	22.7	53.9	10
11	40.4B	26.1B	9.81B	120	19.1	35.5	7.76	50.5	12.8	21.3	25.1	54.8	11
12	36.2B	25.8B	10.5 B	119	16.7	30.2	7.41	43.1	11.8	20.1	25.6	50.4	12
13	33.3	23.7B	12.3 B	112	17.9	26.5	6.96	36.6	11.2	18.4	26.0	45.4	13
14	31.5B	21.8B	16.4 B	101	16.8	26.0	6.87	31.1	10.9	17.7	26.0	38.6	14
15	30.0B	20.2B	27.0	87.7	15.1	25.9	7.81	26.9	10.3	24.5	24.2	37.0	15
16	28.5B	19.0B	46.2	75.8	14.0	23.6	8.70	23.8	10.8	31.4	23.1	34.2	16
17	26.9B	18.1B	59.2	65.8	13.7	32.3	8.82	26.7	16.2	30.9	21.9	30.3	17
18	25.4B	17.3B	62.[illegible]	56.6	13.9	22.3	8.64	28.4	20.2	30.2	20.4	26.7	18
19	25.0B	16.1B	65.6	49.0	14.2	21.0	8.44	32.2	20.7	29.7	20.3	26.4	19
20	56.9	15.3B	156	43.8	14.1	18.7	8.11	39.8	18.5	27.2	19.5A	30.8	20
21	135	14.7B	201	38.4	13.3	17.1	7.74	37.1	17.9	25.0	18.8E	31.3	21
22	151	14.3B	177	35.8	12.0	15.7	6.87	32.1	16.2	23.4	18.2E	28.0	22
23	131	13.8B	149	35.3	12.8	14.6	6.49	27.2	15.1	22.4	17.8E	26.0	23
24	106	13.4B	125	40.8	24.9	13.5	6.05	24.6	16.6	21.1	17.5A	25.8	24
25	85.3	13.1B	105	48.6	39.8	12.5	5.55	29.2	20.5	19.5	71.8A	24.3B	25
26	71.8	12.8B	91.9	55.6	41.5	11.7	5.10	31.4	23.4	18.5	77.2	45.0	26
27	76.3	12.4B	109	67.3	39.2	10.7	4.82	29.7	24.2	17.7	86.2	62.3	27
28	119	11.9B	138	69.5	36.5	10.1	26.6	32.1	22.5	18.1	101	57.0A	28
29	148		139	65.0	33.7	9.80	133	34.4	20.3	18.1	94.6	48.6A	29
30	130 B		127	57.8	31.4	10.5	130	32.4	20.3	17.6	82.9	42.7A	30
31	108 B		121		28.8		126	28.8		16.8		40.8E	31
TOTAL	2 010.8	810.1	2 053.62	2 152.5	806.1	637.20	641.17	1 679.8	516.6	715.2	990.0	1 530.4	TOTAL
MEAN	64.9	28.9	66.2	73.1	26.0	21.2	20.7	54.2	17.2	23.1	33.0	49.4	MEAN
MAX	151	87.8	201	120	50.8	42.5	133	165	25.3	31.4	101	103	MAX
MIN	24.3	11.9	9.61	35.3	12.0	9.80	4.82	23.8	10.3	16.8	14.6	24.3	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.0
MAXIMUM DAILY, 201 ON MAR 21
MINIMUM DAILY, 4.82 ON JUL 27
MAXIMUM INSTANTANEOUS,
209 AT 03:22 AST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 48 N
LONG 64 35 30 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	174 000	JUL	55 400
FEB	70 000	AUG	145 000
MAR	177 000	SEP	44 600
APR	186 000	OCT	61 800
MAY	69 600	NOV	85 500
JUN	55 100	DEC	132 000

TOTAL DISCHARGE, 1 260 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "LA HAVE RIVER AT WEST NORTHFIELD" TO 1965

LAKE O'LAW BROOK AT EGYPT ROAD - STATION NO 01FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.17E	3.13	0.580B	2.51	1.83 E	0.630A	0.615A	0.572A	0.530A	0.721A	0.677	1.72	1
2	2.26E	2.52	0.551B	2.67	1.66 E	0.735A	0.615A	0.530A	0.512A	0.682A	0.686	1.54	2
3	1.90E	2.30	0.640B	3.00	1.57 E	0.935A	0.615A	0.470A	0.500A	0.652A	0.737	1.46	3
4	2.90E	2.06	0.629B	2.56	1.45 E	0.805A	0.635A	0.500A	0.482A	0.640A	0.704	3.74	4
5	2.38E	1.84	0.619B	2.21	1.35 E	0.784A	0.570A	0.476A	0.482A	0.700A	0.728	2.84	5
6	2.07E	1.70 B	0.608B	2.00	1.23 E	0.784A	0.625A	0.440A	0.488A	0.721A	0.699	2.19	6
7	1.88E	1.55 B	0.599B	1.83	1.13 A	0.770A	0.615A	0.440A	0.488A	0.770A	0.700	1.86	7
8	1.69E	1.45 B	0.590B	1.71	1.11 A	1.03 A	0.600A	0.460A	0.445A	0.791A	0.684	1.59 B	8
9	1.55E	1.36 B	0.582B	1.72	1.03 A	1.49 A	0.605A	0.500A	0.440A	0.758A	0.730	1.46 B	9
10	1.44E	1.27 B	0.574B	3.87	1.00 A	1.19 A	0.615A	0.524A	0.440A	0.758A	0.911	1.36 B	10
11	1.37E	1.19 B	0.562B	3.98	1.00 A	0.935A	0.615A	0.500A	1.11 A	0.770A	0.833	1.28 B	11
12	1.29E	1.14 B	0.556B	3.83A	0.935A	0.935A	0.590A	0.460A	1.19 A	0.735A	0.801	1.22 B	12
13	1.25E	1.08 B	0.550B	3.05E	0.900A	0.935A	0.560A	0.440A	0.870A	0.735A	0.779	1.17 B	13
14	5.95E	1.03 B	0.545B	2.59E	0.900A	0.900A	0.548A	0.435A	0.735A	0.735A	0.796	1.11 B	14
15	5.05A	0.990B	0.540B	3.00E	0.805A	0.870A	0.542A	0.435A	0.640A	1.13 A	0.773	1.07 B	15
16	4.77	0.955B	0.535B	3.89A	0.805A	0.864A	0.548A	0.420A	0.805A	0.970A	0.756	1.02 B	16
17	3.32A	0.925B	0.530B	4.97E	0.805A	0.870A	0.530A	0.408A	1.07 A	0.900A	0.754	0.995B	17
18	2.60	0.890B	0.525B	3.30E	0.805A	0.805A	0.512A	0.412A	0.805A	0.935A	0.814	0.955B	18
19	2.32	0.860B	0.520B	2.95E	0.770A	0.770A	0.470A	0.416A	0.735A	0.900A	0.856	0.930B	19
20	4.34	0.833B	1.66	2.79E	0.749A	0.749A	0.460A	0.484A	0.670A	0.900A	0.821	0.902B	20
21	12.8	0.809B	1.34 B	3.40E	0.735A	0.728A	0.445A	0.412A	0.658A	0.888A	0.888	0.878B	21
22	7.12	0.788B	1.18 B	4.50E	0.735A	0.688A	0.445A	0.408A	0.640A	0.870A	1.64	0.855B	22
23	4.80	0.767B	1.07 B	5.40E	0.728A	0.658A	0.445A	0.425A	0.625A	0.870A	1.47	0.838B	23
24	3.74	0.749B	0.995B	4.60E	0.735A	0.670A	0.425A	0.400A	0.615A	0.880E	2.17	0.818B	24
25	3.94	0.735B	0.935B	3.85E	0.935A	0.728A	0.420A	0.615A	0.670A	0.932E	4.84	0.800B	25
26	2.87	0.716B	0.890B	3.00E	0.870A	0.670A	0.420A	1.00 A	0.670A	0.855E	2.57	1.34	26
27	5.30	0.699B	0.860B	2.60E	0.805A	0.640A	0.420A	0.700A	0.676A	0.805E	2.85	1.24	27
28	36.4 E	0.685B	2.09	2.32E	0.770A	0.615A	0.590A	0.721A	0.707A	0.764E	2.53	1.10	28
29	16.6 E		1.97	2.18E	0.721A	0.640A	0.670A	0.700A	0.682A	0.735E	2.07	1.01 B	29
30	5.90		1.79	1.99E	0.670A	0.630A	0.615A	0.615A	0.700A	0.710	1.68	0.972	30
31	4.50A		2.25		0.640A		0.590A	0.580A		0.715		0.926	31
TOTAL	156.75	35.021	28.065	92.27	30.198	24.453	17.070	15.888	20.080	24.923	38.247	41.181	TOTAL
MEAN	5.06	1.25	0.905	3.08	0.974	0.815	0.551	0.513	0.669	0.804	1.27	1.33	MEAN
MAX	36.4	3.13	2.25	5.40	1.83	1.49	0.670	1.00	1.19	1.13	4.84	3.74	MAX
MIN	1.25	0.685	0.520	1.71	0.640	0.615	0.420	0.400	0.440	0.640	0.677	0.800	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 36.4E ON JAN 28
MINIMUM DAILY, 0.400A ON AUG 24
MAXIMUM INSTANTANEOUS,
58.5E AT 17:58 AST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 53 N
LONG 60 58 23 W
DRAINAGE AREA, 37.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 500	JUL	1 470
FEB	3 030	AUG	1 370
MAR	2 420	SEP	1 730
APR	7 970	OCT	2 150
MAY	2 610	NOV	3 300
JUN	2 110	DEC	3 560

TOTAL DISCHARGE, 45 200 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 15.6 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

LISCOMB RIVER AT LISCOMB MILLS - STATION NO. 01EN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.5 B	27.0 B	3.39B	59.7	18.4	3.38	5.54	1.70	10.6	12.5	5.43	27.1	1
2	12.8 B	18.0 B	3.38B	60.7	16.0	3.18	5.42	1.79	8.40	11.7	5.07	21.2	2
3	11.5 B	14.6 B	3.37B	59.9	15.8	3.59	6.33	1.85	6.84	11.0	4.89	17.0	3
4	15.5 B	12.9 B	3.36B	54.3	15.2	3.67	7.80	2.12	5.44	10.1	4.35	28.3	4
5	22.3 B	11.7 B	3.35B	44.1	14.0	3.92	7.95	2.34	4.48	10.7	5.11	43.4	5
6	22.3 B	10.7 B	3.34B	35.3	12.3	4.24	8.08	2.51	3.98	10.9	5.76	39.9	6
7	19.0 B	10.0 B	3.33B	28.1	10.9	4.30	7.43	2.60	3.55	10.3	6.48	31.9	7
8	16.1 B	9.00B	3.32B	24.2	9.23	4.56	6.46	2.54	3.23	9.26	7.19	22.3	8
9	13.8 B	8.40B	3.31B	24.6	8.10	7.78	5.64	3.03	2.81	8.18	7.87	15.5 B	9
10	11.2 B	7.55B	3.30B	46.0	6.99	13.4	4.88	3.36	2.50	7.16	9.45	13.0 B	10
11	9.34B	6.90B	3.28B	64.9A	6.01	15.5	4.14	3.25	2.44	6.88	10.7	11.7 B	11
12	7.78B	6.60B	3.27B	57.5E	5.73	13.3	3.71	3.00	2.86	6.33	11.1	10.6 B	12
13	6.91B	5.90B	3.26B	48.2E	5.63	10.2	3.28	2.61	3.26	5.91	10.7	9.50B	13
14	7.91B	5.40B	3.25B	42.5E	5.25	8.70	3.06	2.38	3.39	5.58	9.40	8.60B	14
15	13.1 B	5.00B	7.30B	38.8E	4.86	8.00	3.68	2.09	3.33	9.69	7.98	8.10B	15
16	19.5 B	4.75B	17.5 B	38.1A	4.61	7.46	4.25	1.88	4.25	13.8	7.35	7.40B	16
17	21.8 B	4.50B	21.5 B	42.7	4.35	6.98	4.41	2.07	13.6	15.6	6.87	6.80B	17
18	16.0 B	4.20B	21.4 B	50.3	4.09	6.69	4.43	2.35	23.5	15.6	6.62	6.00B	18
19	12.0 B	4.00B	20.5 B	45.3	3.87	6.21	4.28	2.89	25.6	14.4	6.50	5.60B	19
20	20.7	3.78B	36.0 B	37.0	3.65	5.40	3.93	5.98	20.9	13.3	6.17	5.80B	20
21	72.5	3.60B	49.5 B	30.5	3.39	4.79	3.42	9.72	15.7	11.7	23.0	5.90B	21
22	77.1	3.55B	52.5 B	26.1	3.20	4.14	3.00	11.8	11.8	10.4	52.9	5.80B	22
23	55.5	3.52B	50.4	24.1	3.01	3.66	2.62	10.8	8.29	9.36	55.6 A	5.60B	23
24	38.6 A	3.50B	43.7	25.1	3.36	3.34	2.33	8.53	9.80	8.51	53.4 E	5.40B	24
25	27.0 A	3.48B	37.4	28.2	3.92	3.44	2.05	7.62	12.4	7.56	49.3 E	5.10B	25
26	19.9	3.45B	30.1	30.2	4.19	3.77	1.81	7.41	17.8	6.68	47.3 A	7.20B	26
27	17.7	3.42B	30.7	30.8	4.34	3.89	1.66	8.56	21.5	6.11	44.3	21.0 B	27
28	28.1	3.40B	44.6	28.9	4.47	4.11	1.55	12.5	19.2	6.05	45.6	31.0 B	28
29	57.1		52.9	25.4	4.29	4.90	1.55	15.9	15.7	6.14	41.2	26.5 B	29
30	53.5 B		51.7	21.5	3.99	5.24	1.64	15.8	13.1	6.17	34.2	20.0 B	30
31	38.1 B		52.4		3.68		1.62	13.4		5.83		15.3 B	31
TOTAL	778.14	208.70	666.61	1 173.2	216.91	181.74	127.75	173.98	301.25	293.80	591.90	488.50	TOTAL
MEAN	25.1	7.45	21.5	39.1	7.00	6.06	4.12	5.61	10.0	9.48	19.7	15.8	MEAN
MAX	77.1	27.0	52.9	64.9	18.4	15.5	8.08	15.9	25.6	15.6	55.6	43.4	MAX
MIN	6.91	3.40	3.25	21.5	3.01	3.18	1.55	1.70	2.44	5.58	4.86	5.10	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 77.1 ON JAN 22
MINIMUM DAILY, 1.55 ON JUL 28
MAXIMUM INSTANTANEOUS,
86.2 AT 22:22 AST ON JAN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 54 N
LONG 62 05 45 W
DRAINAGE AREA, 389 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 300	JUL	11 000
FEB	18 000	AUG	15 000
MAR	57 600	SEP	26 000
APR	101 000	OCT	25 400
MAY	18 700	NOV	51 100
JUN	15 700	DEC	42 200

TOTAL DISCHARGE, 449 000 dam³

LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE - STATION NO. 01EJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.210B	0.228B	0.094B	1.08	0.142	0.062	0.038	0.210	0.078	0.250	0.124	0.334B	1
2	0.183B	0.210B	0.093B	0.758	0.896	0.375	0.135	0.134	0.068	0.166	0.137	0.278	2
3	0.160B	0.196B	0.093B	0.712	0.482	0.315	0.212	0.094	0.065	0.139	0.152	3.07	3
4	2.93 B	0.184B	0.093B	0.452	0.237	0.120	0.073	0.289	0.057	0.225	0.134	3.01	4
5	1.23 B	0.175B	0.092B	0.289	0.182	0.096	0.059	0.103	0.056	0.240	0.129	1.02	5
6	0.800B	0.165B	0.092B	0.199	0.163	0.103	0.051	0.069	0.051	0.172	0.226	0.557	6
7	0.500B	0.160B	0.092B	0.158	0.134	0.088	0.037	0.059	0.099	0.158	0.267	0.280B	7
8	0.330B	0.150B	0.092B	0.295	0.109	0.911	0.018	0.051	0.062	0.132	0.173	0.294B	8
9	0.230B	0.146B	0.091B	2.70	0.084	0.351	0.007	0.138	0.051	0.120	0.365	0.297B	9
10	0.189B	0.141B	0.091B	3.63	0.087	0.138	0.007	0.085	0.045	0.140	0.538	0.644	10
11	0.162B	0.135B	0.210B	1.75	0.088	0.087	0.007	0.062	0.080	0.114	0.268	0.406	11
12	0.147B	0.132B	1.02 B	1.27	0.117	0.070	0.006	0.053	0.073	0.121	0.283B	0.287B	12
13	0.400B	0.126B	0.440B	0.735	0.103	0.126	0.007	0.042	0.060	0.094	0.259B	0.262B	13
14	1.07 B	0.122B	0.157B	0.365	0.078	0.252	0.122	0.039	0.054	0.498	0.234B	0.218B	14
15	0.450B	0.117B	2.60 B	0.254	0.07	0.093	0.076	0.036	0.050	0.945	0.218B	0.180B	15
16	0.203B	0.113B	1.60 B	0.198	0.064	0.067	0.039	0.066	0.728	0.273	0.254	0.153B	16
17	0.178B	0.109B	1.12	0.192	0.181	0.075	0.040	0.145	0.695	0.245	0.218	0.133B	17
18	0.640B	0.107B	0.769	0.153	0.146	0.052	0.028	0.066	0.143	0.497	0.199	0.110B	18
19	0.800B	0.105B	2.55	0.127	0.089	0.036	0.020	1.33	0.122	0.257	0.209B	0.200B	19
20	6.00 B	0.103B	7.07	0.124	0.067	0.031	0.017	0.446	0.111	0.196	0.199B	0.350B	20
21	2.87	0.101B	2.37	0.115	0.068	0.037	0.014	0.155	0.097	0.184	1.86 B	0.210B	21
22	1.07	0.099B	1.05 B	0.117	0.056	0.027	0.014	0.118	0.084	0.202	3.15	0.190B	22
23	0.515B	0.098B	0.694B	0.728	0.841	0.029	0.018	0.091	0.106	0.172	0.858	0.180B	23
24	0.260B	0.097B	0.488B	0.561	2.15	0.089	0.011	0.180	0.283	0.153	3.65	0.170B	24
25	0.190B	0.096B	0.429B	0.368	0.729	0.032	0.011	0.209	0.262	0.132	1.80	0.900B	25
26	0.160B	0.096B	1.55	0.739	0.367	0.030	0.016	0.095	0.172	0.123	0.693	3.09	26
27	1.06 B	0.095B	2.62	0.543	0.190	0.030	0.078	0.182	0.133	0.174	2.99	0.586B	27
28	1.86	0.094B	1.49	0.274	0.129	0.089	2.65	0.229	0.108	0.215	0.949	0.424B	28
29	0.802		0.916	0.212	0.095	0.064	1.32	0.166	0.095	0.146	0.576	0.350B	29
30	0.375B		1.04	0.188	0.108	0.073	0.301	0.106	0.465	0.141	0.395	0.299	30
31	0.252B		1.43		0.068		0.291	0.085		0.126		0.282B	31
TOTAL	26.326	3.700	32.536	19.290	8.523	3.948	5.723	5.133	4.563	6.730	21.497	18.656	TOTAL
MEAN	0.849	0.132	1.05	0.643	0.275	0.132	0.185	0.166	0.152	0.217	0.717	0.602	MEAN
MAX	6.00	0.228	7.07	3.63	2.15	0.911	2.65	1.33	0.728	0.945	3.65	3.09	MAX
MIN	0.147	0.094	0.091	0.115	0.056	0.027	0.006	0.036	0.045	0.094	0.124	0.110	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.429
MAXIMUM DAILY, 7.07 ON MAR 20
MINIMUM DAILY, 0.006 ON JUL 12
MAXIMUM INSTANTANEOUS,
14.1 AT 12:30 AST ON JAN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 49 N
LONG 63 41 20 W
DRAINAGE AREA, 13.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 270	JUL	494
FEB	320	AUG	443
MAR	2 810	SEP	394
APR	1 670	OCT	581
MAY	736	NOV	1 860
JUN	341	DEC	1 610

TOTAL DISCHARGE, 13 500 dam³

MACASKILLS BROOK NEAR BIRCH GROVE - STATION NO 01FJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01	0.520B	0.108B	1.18 B	0.715	0.181	0.203	0.507	0.084	0.439	0.305	0.817	1
2	0.909	0.430B	0.106B	1.60 B	0.632	0.215	0.152	0.352	0.081	0.410	0.273	0.637	2
3	0.851	0.375B	0.104B	2.50 B	0.626	0.768	0.218	0.240	0.077	0.290	0.302	0.577	3
4	1.41	0.325B	0.102B	1.50 B	0.556	0.572	0.217	0.191	0.075	0.220	0.286	1.93	4
5	1.49	0.285B	0.098B	1.22 B	0.493	0.409	0.201	0.180	0.07[illegible]	0.686	0.341	1.34	5
6	1.09 B	0.265B	0.096B	1.05 B	0.426	0.358	0.167	0.126	0.067	0.605	0.293	0.909	6
7	0.920B	0.249B	0.096B	0.930B	0.360	0.284	0.138	0.101	0.068	0.516	0.387	0.707	7
8	0.802B	0.232B	0.095B	0.840B	0.325	0.326	0.118	0.089	0.070	0.440	0.368	0.511B	8
9	0.715B	0.217B	0.093B	0.815B	0.284	1.32	0.105	0.083	0.063E	0.358	0.366	0.460B	9
10	0.661B	0.204B	0.092B	17.3 E	0.254	0.813	0.093	0.083	0.054E	0.341	0.528	0.427B	10
11	0.610B	0.193B	0.091B	13.1 E	0.235	0.549	0.076	0.075	0.078	0.302	0.437	0.392B	11
12	0.560B	0.182B	0.090B	4.80	0.229	0.428	0.073	0.070	0.395	0.255	0.392	0.368B	12
13	0.525B	0.173B	0.089B	2.86	0.741	0.349	0.067	0.063E	0.308	0.223	0.353	0.345B	13
14	4.19	0.164B	0.088B	2.09	0.735	0.333	0.065	0.055E	0.205	0.216	0.348	0.328B	14
15	2.26 B	0.157B	0.087B	2.42	0.529	0.320	0.145	0.043E	0.145	0.589	0.302	0.313B	15
16	1.48 B	0.152B	0.086B	14.3 E	0.417	0.264	0.166	0.041E	0.201	0.519	0.330	0.299B	16
17	1.09 B	0.148B	0.085B	11.4 E	0.350	0.258	0.158	0.045E	2.51	0.425	0.402	0.287B	17
18	0.910B	0.141B	0.084B	4.05	0.312	0.243	0.116	0.048E	1.60	1.10	0.452	0.277B	18
19	0.800B	0.138B	0.084B	2.21	0.280	0.195	0.088	0.079	0.804	0.979	0.459	0.268B	19
20	0.760B	0.134B	0.117B	1.66	0.252	0.171	0.096	0.378	0.447	0.680	0.457	0.259B	20
21	5.04 E	0.131B	0.180B	1.46	0.235	0.150	0.127	0.264	0.304	0.538	0.761	0.249B	21
22	2.00 B	0.127B	1.27 B	1.57	0.228	0.14[illegible]	0.100	0.172	0.231	0.445	5.71 E	0.241B	22
23	0.920B	0.125B	1.06 B	1.81	0.212	0.132	0.082	0.134	0.227	0.409	2.97	0.234B	23
24	0.740B	0.122B	0.810B	1.87	0.270	0.130	0.065	0.111	0.377	0.460	2.93	0.229B	24
25	0.[illegible]B	0.118B	0.620B	1.65	0.379	0.135	0.056E	0.161	0.449	0.449	6.49 E	0.223B	25
26	0.625B	0.116B	0.500B	1.46	0.307	0.123	0.050E	0.143	0.474	0.376	2.63	0.678	26
27	0.800B	0.114B	0.730B	1.42	0.248	0.110	0.108	0.109	0.513	0.333	2.51	0.828	27
28	3.99	0.112B	0.899B	1.30	0.214	0.121	0.148	0.105	0.435	0.456	2.08	0.510B	28
29	2.10 B		0.778B	1.08	0.202	0.189	0.297	0.142	0.332	0.436	1.39	0.395B	29
30	1.18 B		0.732B	0.865	0.183	0.181	0.278	0.116	0.328	0.392	1.01	0.335B	30
31	0.670B		0.985B		0.173		0.345	0.087		0.343		0.305B	31
TOTAL	41.763	5.559	10.468	102.310	11.402	9.781	4.358	4.383	11.073	14.229	35.861	15.678	TOTAL
MEAN	1.35	0.202	0.338	3.41	0.368	0.326	0.141	0.141	0.369	0.459	1.20	0.506	MEAN
MAX	5.04	0.520	1.27	17.3	0.741	1.32	0.345	0.507	2.51	1.10	6.49	1.93	MAX
MIN	0.525	0.112	0.084	0.815	0.173	0.110	0.050	0.041	0.054	0.216	0.273	0.223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.731
MAXIMUM DAILY, 17.3E ON APR 10
MINIMUM DAILY, 0.041E ON AUG 16
MAXIMUM INSTANTANEOUS,
28.8E AT 14:44 AST ON APR 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 06 59 N
LONG 60 00 26 W
DRAINAGE AREA, [illegible].2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 610	JUL	377
FEB	489	AUG	379
MAR	904	SEP	957
APR	8 840	OCT	1 230
MAY	985	NOV	3 100
JUN	845	DEC	1 350

TOTAL DISCHARGE, 23 100 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 4.8 AND BELOW 0.065 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

MCINTOSH RUN AT HERRING COVE ROAD - STATION NO. 01EJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.284	0.636	0.287	2.33	1.31	0.385	0.233	0.403	0.613	0.422	0.527A	1.60 E	1
2	0.220	0.458B	0.287	2.05	1.42	0.416	0.276	0.390	0.595	0.395	0.504	0.588A	2
3	0.265	0.422B	0.265B	1.81	1.36	0.397	0.284	0.384	0.583	0.382	0.519	0.919	3
4	0.781	0.380B	0.263B	1.47	1.31	0.268	0.237	0.585	0.599	0.388	0.687	2.78	4
5	0.335	0.356B	0.261B	1.18	0.999	0.259	0.223	0.435	0.606	0.407	0.634	2.39	5
6	0.295B	0.333B	0.258B	0.930	0.575	0.265	0.217	0.413	0.607	0.393	0.614A	1.65	6
7	0.268B	0.310B	0.257B	0.784	0.565	0.269	0.219	0.391	0.596	0.357	0.595A	1.20	7
8	0.252B	0.292B	0.256B	0.829	0.540	0.562	0.222	0.377	0.542	0.344	0.550A	1.11	8
9	0.256	0.297	0.254B	1.78	0.523	0.484	0.208	0.726	0.481	0.339	0.480A	0.549	9
10	0.254	0.280	0.253B	4.74	0.504	0.525	0.207	0.528	0.477	0.328	0.440A	0.720	10
11	0.246	0.273	0.275B	5.13	0.486	0.340	0.213	0.439	0.497	0.331	0.415A	0.659	11
12	0.243	0.255B	0.330B	4.16	0.467	0.309	0.214	0.421	0.501	0.337	0.395A	0.660	12
13	0.306	0.252B	0.307	2.95	0.450	0.356	0.224	0.390	0.514	0.335	0.390A	0.555	13
14	0.460	0.248B	0.316	2.16	0.425	0.436	0.340	0.383	0.484	0.338	0.385E	0.580	14
15	0.286	0.246B	1.05	1.73	0.407	0.348	0.314	0.386	0.469	0.766	0.380E	0.490	15
16	0.257	0.245B	2.11	1.76	0.380	0.333	0.273	0.411	0.610	0.657	0.375E	0.402	16
17	0.257	0.244B	1.90	1.62	0.373	0.296	0.261	0.503	0.629	0.565	0.372E	0.358	17
18	0.307	0.243B	1.66	1.54	0.378	0.254	0.259	0.453	0.510	0.575	0.370E	0.344	18
19	0.289	0.243B	1.76	1.50	0.361	0.235	0.275	0.686	0.483	0.564	0.369E	0.388	19
20	1.13	0.242B	4.44	1.48	0.358	0.238	0.247	0.721	0.474	0.528	0.368E	0.434	20
21	0.865	0.257	3.30 B	1.46	0.351	0.234	0.254	0.571	0.483	0.533	0.370E	0.392	21
22	0.430B	0.418	2.36 B	1.43	0.339	0.235	0.254	0.527	0.494	0.571	0.520E	0.366	22
23	0.385B	0.385	1.75 A	1.49	0.597	0.240	0.253	0.514	0.488	0.541	0.750E	0.349	23
24	0.365B	0.348	1.43	1.48	0.789	0.243	0.254	0.545	0.665	0.525	1.37 E	0.343	24
25	0.352B	0.322	1.11	1.41	0.551	0.260	0.254	0.617	0.571	0.518	1.90 E	0.440	25
26	0.357B	0.314	1.03	1.46	0.490	0.214	0.256	0.747	0.515	0.514	2.80 E	1.28	26
27	0.623	0.307	1.82	1.47	0.451	0.227	0.257	0.773	0.492	0.597	2.90 E	1.48	27
28	1.10	0.289	2.33	1.42	0.468	0.251	0.384	0.857	0.472	0.594	2.50 E	1.20	28
29	1.15		2.17	1.38	0.425	0.243	0.326	1.01	0.453	0.561	2.22 E	0.916	29
30	1.08		1.93	1.36	0.394	0.242	0.336	0.796	0.515	0.537	2.00 E	0.683	30
31	0.905		2.18		0.395		0.403	0.704		0.522A		0.490B	31
TOTAL	14.403	8.915	37.986	56.393	18.451	9.365	8.157	17.386	16.028	14.774	26.699	26.315	TOTAL
MEAN	0.465	0.318	1.23	1.88	0.595	0.312	0.263	0.561	0.534	0.477	0.890	0.849	MEAN
MAX	1.15	0.636	4.44	5.13	1.42	0.562	0.403	1.01	0.665	0.766	2.90	2.78	MAX
MIN	0.220	0.242	0.253	0.784	0.339	0.214	0.207	0.377	0.453	0.328	0.368	0.343	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.698
MAXIMUM DAILY, 5.13 ON APR 11
MINIMUM DAILY, 0.207 ON JUL 10
MAXIMUM INSTANTANEOUS,
5.80 AT 11:31 AST ON APR 11

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 36 31 N
LONG 63 37 01 W
DRAINAGE AREA, 15.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	705
FEB	770	AUG	1 500
MAR	3 280	SEP	1 380
APR	4 870	OCT	1 280
MAY	1 590	NOV	2 310
JUN	808	DEC	2 270

TOTAL DISCHARGE, 22 000 dam³

MEDWAY RIVER AT CHARLESTON - STATION NO. 01EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.8E	95.9	25.1	118	65.6	19.9	15.4	80.1	36.7	23.4	16.2	73.7	1
2	49.2E	93.6	24.2	116	64.7	19.6	14.7	81.5	34.0	23.1	16.1	71.2	2
3	50.6E	89.6	23.4	112	63.5	22.0	17.3	80.6	33.4	22.6	16.6	71.6	3
4	55.6E	83.6B	22.7	104	59.9	20.5	17.3	86.2	33.9	22.3	16.3	92.5	4
5	64.0E	77.2B	21.5	95.4	56.0	19.3	16.5	92.2	33.3	22.6	16.2	95.7	5
6	78.0E	70.2B	20.5B	86.6	53.1	21.2	16.4	95.0	31.4	23.4	16.6	94.4	6
7	79.0E	63.2B	20.4B	83.4	50.2	24.7	15.6	94.5	29.6	24.1	19.8	90.8	7
8	79.2E	55.0B	19.9B	80.7	47.1	29.3	15.1	91.3	27.3	23.3	20.1	86.7B	8
9	78.8E	53.6B	18.9B	85.6	44.6	36.4	14.8	102	25.1	23.0	20.0	82.9	9
10	76.4E	48.7B	20.2	105	41.2	35.6	14.1	109	23.7	22.8	21.7	81.6	10
11	73.6E	44.3B	22.1	112	36.7	33.5	13.4	103	22.3	21.9	21.7	79.0	11
12	70.8E	40.2B	25.4B	109	34.7	32.3	12.5	96.0	20.9	21.1	22.3	74.8	12
13	66.6E	37.0B	26.5B	107	32.6	30.7	12.0	88.7	20.0	20.6	22.8	72.0	13
14	63.7E	35.8B	26.8	104	29.9	31.4	12.1	80.8	18.5	20.4	23.4	67.4	14
15	58.7E	33.9B	39.8	101	27.5	30.2	14.1	73.3	17.4	22.5	22.6	63.5	15
16	52.6B	31.2B	56.0	97.9	25.7	28.5	14.1	67.8	17.7	22.6	23.1	59.6	16
17	49.2B	28.5B	60.0	92.6	24.7	27.8	13.6	67.7	22.5	22.4	23.3	55.8	17
18	43.6B	27.3B	61.6	85.4	24.4	27.6	13.1	63.9	21.6	24.2	23.2	52.2	18
19	37.8	26.1B	65.6	79.0	23.4	26.5	12.9	65.4	20.5	24.1	23.5	50.9	19
20	55.3	24.7B	124	73.3	22.4	24.6	13.1	75.0	19.7	23.8	24.1	56.1	20
21	88.5	24.5B	136	66.2	21.3	24.0	12.9	66.6	19.1	22.8	27.3	54.5	21
22	85.7	30.1	137	63.5	20.3	22.5	12.5	61.1	18.4	21.7	46.2	49.5B	22
23	84.1B	32.6	139	61.6	21.1	21.4	12.2	55.4	18.2	20.6	47.0	45.3B	23
24	81.9B	32.1	141	61.8	26.6	20.9	11.7	49.8	21.2	19.9	47.3	41.6	24
25	80.7B	30.6	138	63.8	28.2	19.7	11.2	48.1	22.7	18.9	55.4	39.8	25
26	81.4B	29.1	132	65.3	26.6	18.7	10.6	45.5	23.0	17.8	54.8	53.8	26
27	85.5B	27.5	130	72.2	24.4	17.6	10.1	44.0	22.1	17.6	60.6	55.7	27
28	94.7	26.2	128	72.6	22.9	17.0	18.0	45.4	21.0	18.3	67.1	51.8	28
29	98.0		125	71.3	22.4	16.7	40.4	45.9	20.2	17.8	70.3	48.0	29
30	97.9		122	65.3	21.5	16.2	42.4	43.6	21.9	17.2	73.6	46.1B	30
31	97.4		120		20.6		61.4	40.6		16.6		45.1B	31
TOTAL	2 205.3	1 296.3	2 174.6	2 619.9	1 084.7	736.7	531.5	2 242.0	717.4	664.6	959.2	2 003.6	TOTAL
MEAN	71.1	46.3	70.1	87.3	35.0	24.6	17.1	72.3	23.9	21.4	32.0	64.6	MEAN
MAX	98.0	95.9	141	118	65.6	36.4	61.4	109	36.7	24.2	73.6	95.7	MAX
MIN	37.8	24.5	18.9	61.6	20.3	16.2	10.1	40.6	17.4	16.6	16.1	39.8	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.2
MAXIMUM DAILY, 141 ON MAR 24
MINIMUM DAILY, 10.1 ON JUL 27
MAXIMUM INSTANTANEOUS,
144 AT 23:04 AST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 10 24 N
LONG 64 39 36 W
DRAINAGE AREA, 1 390 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	191 000	JUL	45 900
FEB	112 000	AUG	194 000
MAR	188 000	SEP	62 000
APR	226 000	OCT	57 400
MAY	93 700	NOV	82 900
JUN	63 700	DEC	173 000

TOTAL DISCHARGE, 1 490 000 dam³

MERSEY RIVER BELOW GEORGE LAKE - STATION NO. 01ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1E	51.2	10.4 B	64.0	35.0	11.5	8.91	13.3	16.8	12.3	9.54E	33.7	1
2	11.4E	51.0	10.2 B	62.7	34.1	11.7	8.41	17.8	16.0	12.2	9.23E	33.6	2
3	12.8E	50.2	9.76B	61.3	33.2	11.7	8.66	21.9	15.2	12.3	9.65E	34.2	3
4	14.1E	47.1	9.40B	58.1	31.5	10.8	8.53	27.3	14.0	12.3	9.38E	38.4	4
5	16.0E	44.4	9.16B	55.7	29.5	10.5	8.17	31.1	13.5	12.7	9.07E	41.0	5
6	17.7E	42.4	8.95B	52.8	27.8	10.5	8.22	33.3	12.8	12.5	9.06E	43.0	6
7	19.2A	39.8	8.72B	49.1	26.2	10.3	7.91	33.7	12.5	12.7	10.7 E	43.7	7
8	19.9	36.7	8.59B	46.0	24.9	10.7	7.71	33.6	11.8	12.2	10.6 E	43.9B	8
9	20.1	34.0	8.43B	44.1	23.2	12.1	7.48	34.6	11.2	12.5	10.4 E	42.7	9
10	20.1	31.5	8.37B	43.8	21.1	12.3	7.33	35.1	10.7	12.8	11.7 E	42.5	10
11	20.6	28.5	8.28B	44.4	19.9	12.3	7.00	35.4	10.2	12.0	11.9 E	42.0	11
12	20.2	26.8	8.97	44.8	18.9	12.4	6.58	35.4	9.73	11.7	12.1 E	40.9	12
13	20.1	24.9	8.95	45.8	17.6	12.4	6.33	33.7	9.41	11.2	12.2 E	39.0	13
14	19.8	22.7	9.33	46.7	16.0	13.1	6.20	31.8	9.07	11.2	12.5 E	36.8	14
15	19.3	21.6	11.8	45.4	14.9	13.3	6.42	30.0	8.64	12.1	12.3 E	35.0	15
16	18.7	20.5	14.1	45.2	14.0	13.1	6.42	27.9	8.72	12.1	12.4 E	32.9	16
17	18.1	18.9	16.9	43.4	13.3	13.7	6.30	26.9	9.26	12.1	12.5 E	31.1	17
18	17.4	17.5	19.2	41.3	12.8	13.7	6.00	25.4	9.29	12.5	12.6 E	29.2	18
19	16.7	16.6	22.7	39.1	12.1	13.5	5.91	25.2	9.11	12.4	12.7 E	27.5	19
20	16.1	15.6	31.7	36.4	11.6	13.3	5.93	24.3	9.22	12.5	12.9 A	27.1	20
21	21.4	14.6	43.9	34.1	10.8	13.3	5.82	23.1	8.98	12.3	12.8	26.0	21
22	25.4	13.8B	53.9	31.9	9.88	13.0	5.65	22.3	9.08	12.3	14.7	24.8	22
23	29.3	13.3B	62.0	31.3	10.0	12.5	5.39	21.1	9.08	12.0	16.0	23.5	23
24	32.7	12.7B	66.3	31.3	10.7	12.1	5.11	20.0	9.83	12.4	16.2	22.4	24
25	34.0	12.2B	67.2	31.8	11.2	11.8	4.85	19.8	10.2	11.8	18.9	21.3	25
26	34.7	11.8B	65.0	32.7	11.5	11.1	4.68	19.1	10.7	11.5 A	20.4	22.5	26
27	36.0	11.4B	63.9	34.3	11.7	10.4	4.43	18.6	11.2	11.0 E	23.9	23.4	27
28	39.6	11.2B	64.4	35.5	11.9	9.95	5.34	18.5	10.8	11.3 E	27.1	23.4	28
29	43.9		64.4	35.8	12.3	9.69	6.32	18.6	10.6	10.7 E	30.3	23.6	29
30	47.3		64.3	35.4	12.1	9.34	6.74	18.2	11.5	10.2 E	32.9	23.4	30
31	50.1		64.7		11.9		9.12	17.5		9.82E		23.6	31
TOTAL	744.8	743.2	924.00	1 303.3	561.58	356.09	207.77	794.6	329.05	369.32	435.63	996.0	TOTAL
MEAN	24.0	26.5	29.8	43.4	18.1	11.9	6.70	25.6	11.0	11.9	14.5	32.1	MEAN
MAX	50.1	51.2	67.2	64.0	35.0	13.7	9.12	35.4	16.8	12.7	32.9	43.9	MAX
MIN	10.1	11.2	8.28	31.3	9.88	9.34	4.43	13.3	8.64	9.82	9.06	21.3	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.3
MAXIMUM DAILY, 67.2 ON MAR 25
MINIMUM DAILY, 4.43 ON JUL 27
MAXIMUM INSTANTANEOUS,
67.7 AT 11:48 AST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 00 N
LONG 65 12 18 W
DRAINAGE AREA, 723 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	64 400	JUL	18 000
FEB	64 200	AUG	68 600
MAR	79 800	SEP	28 400
APR	113 000	OCT	31 900
MAY	48 500	NOV	37 800
JUN	30 800	DEC	86 100

TOTAL DISCHARGE, 871 000 dam³

NOVA SCOTIA

MERSEY RIVER BELOW MILL FALLS - STATION NO. 01ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.88	17.5 B	2.60B	29.7	12.2	4.52	3.30	15.0	4.64	4.71	4.06	17.9	1
2	6.72	14.0 B	2.55B	28.5	11.6	4.53	3.33	17.1	4.39	4.66	3.95	18.5	2
3	6.19	12.0 B	2.50B	27.1	11.0	4.48	3.55	21.3	4.14	4.71	4.09	16.6	3
4	9.37	10.5 B	2.45B	24.5	10.0	4.33	3.55	25.1	3.93	4.69	3.94	22.1	4
5	10.4 B	9.50B	2.40B	22.1	8.72	4.03	3.51	23.2	3.77	5.15	3.75	21.2	5
6	9.20B	8.30B	2.35B	19.6	8.05	4.05	3.48	19.5	3.62	5.30	3.79	20.8	6
7	8.20B	7.40B	2.30B	17.1	7.19	3.98	3.38	16.9	3.71	5.34	4.37	20.3	7
8	7.40B	6.90B	2.25B	15.1	6.67	4.21	3.22	15.2	3.76	5.18	4.32	18.3 B	8
9	6.90B	6.30B	2.20B	15.3	6.10	5.07	3.09	16.5	3.49	5.04	4.27	17.9 B	9
10	6.35B	5.90B	2.10B	18.3	5.59	4.87	2.97	14.5	3.12	4.95	4.90	16.7 B	10
11	6.00B	5.50B	2.00B	18.6	5.05	4.64	2.82	12.4	2.97	4.78	4.96	15.2 B	11
12	5.55B	5.20B	2.48B	18.6	4.74	4.61	2.66	10.2	3.00	4.74	4.97	13.6 B	12
13	5.20B	4.90B	2.80B	20.0	4.35	4.65	2.50	8.62	2.98	4.55	5.02	12.6 B	13
14	4.92B	4.60B	3.70B	19.6	4.20	5.40	2.52	7.54	2.92	4.62	5.25	11.7 B	14
15	4.71B	4.35B	6.42	19.4	3.88	5.50	2.76	6.45	2.71	5.57	5.18	10.6 B	15
16	4.53B	4.10B	9.32	18.1	3.88	5.29	2.82	5.91	2.90	5.39	5.24	9.46B	16
17	4.35B	3.90B	9.46	16.9	3.80	5.45	2.61	6.12	3.88	5.12	5.17	8.62B	17
18	4.12B	3.70B	9.53	15.0	3.61	5.70	2.60	5.64	4.04	5.05	5.14	7.78B	18
19	5.40B	3.55B	12.2	13.2	3.42	5.17	2.30	6.11	3.72	5.11	5.20	7.28B	19
20	8.00B	3.40B	27.0	11.7	3.22	4.76	2.18	6.51	3.38	5.13	5.23	7.95B	20
21	14.0 B	3.28B	33.0	10.4	2.98	4.54	2.06	6.01	3.34	4.96	5.60	7.22B	21
22	13.0 B	3.15B	41.0	9.66	2.85	4.28	1.98	5.39	3.32	5.03	7.73	6.67B	22
23	10.7 B	3.04B	44.7	9.67	3.03	4.13	1.83	5.00	3.30	5.20	7.85	6.35B	23
24	9.00B	2.95B	41.3	11.0	3.70	3.96	1.62	4.83	4.14	5.23	8.00	6.04B	24
25	7.50B	2.84B	35.3	11.6	4.27	3.83	1.56	5.32	4.59	5.10	10.6	5.82B	25
26	6.80B	2.75B	29.9	11.7	4.00	3.56	1.55	5.29	4.54	4.79	10.9	8.61	26
27	14.5 B	2.70B	29.1	13.1	3.85	3.29	1.45	4.87	4.35	4.55	14.4	9.20	27
28	18.0 B	2.65B	30.3	12.8	3.70	3.11	3.06	5.54	4.19	4.71	17.6	8.62B	28
29	23.0 B		29.1	12.6	4.14	3.04	6.38	5.48	4.02	4.82	17.6	8.26B	29
30	28.5 B		29.8	12.4	4.29	3.26	5.52	5.07	4.57	4.39	18.3	8.05B	30
31	24.0 B		30.7		4.35		9.06	4.77		4.16		7.63B	31
TOTAL	298.38	164.86	483.23	503.33	168.15	132.22	95.11	317.47	111.51	152.52	211.28	375.76	TOTAL
MEAN	9.63	5.89	15.6	16.8	5.42	4.41	3.07	10.2	3.72	4.92	7.04	12.1	MEAN
MAX	28.5	17.5	44.7	29.7	12.2	5.70	9.06	25.1	4.64	5.57	18.3	22.1	MAX
MIN	4.12	2.65	2.00	9.66	2.85	3.04	1.45	4.77	2.71	4.16	3.75	5.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.26
MAXIMUM DAILY, 44.7 ON MAR 23
MINIMUM DAILY, 1.45 ON JUL 27
MAXIMUM INSTANTANEOUS,
45.4 AT 06:50 AST ON MAR 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 14 N
LONG 65 13 24 W
DRAINAGE AREA, 295 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 800	JUL	8 220
FEB	14 200	AUG	27 400
MAR	41 800	SEP	9 630
APR	43 500	OCT	13 200
MAY	14 500	NOV	18 300
JUN	11 400	DEC	32 500

TOTAL DISCHARGE, 260 000 dam³

METEGHAN RIVER NEAR METEGHAN RIVER - STATION NO. 01DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.91	9.80B	2.92B	8.97	5.92	3.55	1.59	1.09	2.17	2.35	2.30	8.17	1
2	4.23	9.10B	2.82B	8.01	5.49	3.45	1.50	1.05	2.05	2.43	2.22	7.59	2
3	4.44	8.40B	2.68B	7.01	5.07	3.31	1.54	1.30	1.86	2.34	2.30	8.08	3
4	5.50	7.60B	2.55B	6.19	4.63	2.96	1.46	1.66	1.68	2.27	2.24	10.3	4
5	5.94	7.00B	2.43B	5.66	4.33	2.63	1.45	1.77	1.54	2.47	2.16	11.0	5
6	6.37	6.40B	2.27	5.08	3.91	2.86	1.44	1.74	1.39	2.49	2.15	10.9	6
7	6.60B	5.80B	2.13	4.66	3.58	2.86	1.41	1.73	1.78	2.43	2.34	10.2	7
8	6.12	5.29	2.05B	4.28	3.25	3.45	1.47	1.71	1.70	2.33	2.40	9.77	8
9	5.79	4.68	1.99B	4.43	2.83	4.00	1.39	1.87	1.60	2.29	2.52	8.76	9
10	5.57	4.17	1.93B	4.72	2.69	3.93	1.23	2.12	1.56	2.30	3.44	8.25	10
11	5.28	3.98	1.91B	4.87	2.40	4.06	1.17	2.25	1.50	2.12	3.64	7.72	11
12	5.05	3.54	2.55B	4.85	2.09	4.05	1.11	2.29	1.40	2.09	3.85	7.34	12
13	4.85B	3.41	3.43	5.01	2.02	3.82	1.07	2.24	1.41	1.84	4.00	6.74	13
14	4.50B	3.15	3.79	4.89	1.79	3.90	1.07	2.19	1.43	1.89	3.97	6.04B	14
15	4.15B	2.86	8.06	4.63	1.66	3.71	1.10	2.30	1.37	2.77	3.90	5.52	15
16	3.91B	2.68	11.9	4.39	1.50	3.42	1.11	2.26	1.66	3.08	3.86	5.03	16
17	3.35B	2.50B	13.6	4.19	1.51	3.54	1.01	2.37	2.15	3.20	3.71	4.62	17
18	3.04	2.35B	14.8	3.80	1.71	3.43	0.979	2.30	2.16	3.28	3.46	4.30	18
19	2.98	2.20B	16.1	3.54	1.69	3.20	1.07	2.74	2.18	3.36	3.37	4.38	19
20	5.63	2.05B	24.6	3.16	1.65	2.95	1.11	2.73	2.08	3.27	3.19	4.62	20
21	8.56	1.97B	26.0	2.84	1.59	2.98	1.04	2.54	1.98	3.13	3.35	4.59	21
22	10.3	3.02	25.1	3.07	1.61	2.73	0.988	2.43	2.08	2.94	4.27	4.35	22
23	10.7	3.44	23.6	3.82	2.22	2.48	1.01	2.28	2.04	2.80	4.48	4.14	23
24	10.3	3.59	21.1	6.04	3.49	2.34	0.953	2.48	2.09	2.72	5.16	3.87	24
25	9.35	3.49	18.6	6.20	4.58	2.22	0.932	2.70	2.22	2.58	6.17	3.79	25
26	8.38	3.40B	16.1	6.92	4.96	2.00	0.849	2.47	2.34	2.38	5.27	4.47	26
27	8.51	3.25B	14.2	7.28	4.87	1.88	0.877	2.45	2.15	2.43	8.31	4.51	27
28	11.2	3.10B	13.6	7.12	4.66	1.79	1.13	2.61	2.06	2.59	8.98	4.43	28
29	12.7		12.3	6.77	4.43	1.76	1.06	2.57	1.93	2.62	9.22	4.23	29
30	11.0 B		10.9	6.46	4.07	1.69	1.02	2.41	2.08	2.53	6.72	4.24	30
31	10.6 B		9.80		3.82		1.10	2.29		2.39		4.10	31
TOTAL	208.72	122.21	316.00	157.86	100.14	90.95	36.258	67.12	55.77	79.96	126.07	196.05	TOTAL
MEAN	6.73	4.36	10.2	5.26	3.23	3.03	1.17	2.17	1.86	2.58	4.20	6.32	MEAN
MAX	12.7	9.80	26.0	8.97	5.92	4.06	1.59	2.74	2.34	3.36	9.22	11.0	MAX
MIN	2.98	1.97	1.91	2.84	1.50	1.69	0.849	1.05	1.37	1.84	2.15	3.79	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.27
MAXIMUM DAILY, 26.0 ON MAR 21
MINIMUM DAILY, 0.849 ON JUL 26
MAXIMUM INSTANTANEOUS,
26.1 AT 12:50 AST ON MAR 21

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 58 N
LONG 66 07 02 W
DRAINAGE AREA, 167 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 000	JUL	3 130
FEB	10 600	AUG	5 800
MAR	27 300	SEP	4 820
APR	13 600	OCT	6 910
MAY	8 650	NOV	10 900
JUN	7 860	DEC	16 900

TOTAL DISCHARGE, 134 000 dam³

MIDDLE RIVER OF PICTOU AT ROCKLIN - STATION NO 01DP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.93B	2.35	0.520B	14.1	2.03	0.413	0.647	3.26	0.408	1.87	0.695	2.83	1
2	1.72B	2.12 B	0.500B	14.4	3.14	0.824	0.394	2.08	0.389	1.64	0.720	2.20	2
3	1.53B	1.88 B	0.490B	11.2	3.63	1.71	0.656	1.47	0.362	1.22	0.815	3.20	3
4	1.97B	1.68 B	0.475B	6.99	2.46	1.08	0.549	1.98	0.258	1.30	0.766	10.4	4
5	1.75B	1.54 B	0.465B	5.30	1.82	0.711	0.407	1.52	0.271	1.61	0.733	4.57	5
6	1.63B	1.44 B	0.455B	4.04	1.72	0.565	0.349	0.984	0.307	1.34	0.692	3.22	6
7	1.53B	1.33 B	0.450B	3.48	1.59	0.439	0.301	0.752	0.277E	1.42	0.949	2.45	7
8	1.45B	1.22 B	0.445B	3.24	1.38	0.688	0.259	0.642	0.262E	1.16	0.918	1.87	8
9	1.36B	1.13 B	0.440B	4.67	1.23	1.27	0.215	0.582	0.320E	1.23	0.845	1.42	9
10	1.28B	1.07 B	0.435B	10.5	1.06	0.837	0.218	0.670	0.270E	1.16	1.48	1.35 B	10
11	1.23B	1.00 B	0.600B	7.35	1.01	0.503	0.209	0.614	0.235E	0.999	1.07	1.30 B	11
12	1.19B	0.959B	0.600B	7.05	1.07	0.462	0.211	0.494	0.500E	0.886	0.913	1.25 B	12
13	1.14B	0.820B	1.07 B	6.95	1.04	0.427	0.182	0.381	0.370E	0.817	0.846	1.20 B	13
14	1.11B	0.900B	0.980B	5.65	0.914	1.70	0.224	0.322	0.282E	0.822	0.70	1.17 B	14
15	1.06B	0.860B	55 B	4.98	0.770	0.955	1.00	0.287	0.240E	2.19	0.700B	1.1[illegible] B	15
16	1.04B	0.815B	3.95 B	6.16	0.724	0.621	0.623	0.260	1.50 E	1.26	0.780B	1.10 B	16
17	1.01B	0.785B	3.55 B	11.8	0.658	0.580	0.438	0.469	8.50 E	1.07	0.742	1.07 B	17
18	1.10B	0.755B	2.80 B	6.84	0.684	0.518	0.280	0.455	3.00 E	2.70	0.697	1.02 B	18
19	1.20B	0.720B	6.40 B	4.80	0.630	0.437	0.272	0.476	0.930E	2.04	0.608	1.19 B	19
20	33.0 B	0.685B	19.3 B	3.98	0.593	0.371	0.276	0.919	0.400E	1.55	1.78	1.12 B	20
21	18.3	0.665B	18.5	3.70	0.561	0.290	0.230	0.583	0.335E	1.27	2.48	1.05 B	21
22	6.81	0.645B	10.9	3.92	0.566	0.245	0.219	0.428	0.302E	1.20	5.33	1.02 B	22
23	4.43	0.630B	7.64	5.36	0.595	0.254	0.195	0.385	1.15 E	1.11	2.66	0.990B	23
24	2.23	0.605B	5.63	6.46	0.957	0.260	0.161	0.383	5.82 A	1.22	11.6	0.960B	24
25	2.14	0.590B	4.29	5.41	0.779	0.277	0.143	0.654	3.43	0.983	13.8	0.920B	25
26	2.80	0.575B	4.52	4.45	0.605	0.245	0.142	0.454	2.41	0.801	5.29	4.93 B	26
27	9.35	0.565B	15.5	3.78	0.483	0.249	0.161	0.603	2.45	0.862	11.8	3.50 B	27
28	22.3	0.550B	14.1	3.28	0.431	0.310	2.21	0.903	1.96	1.05	6.52	2.30 B	28
29	7.34		9.26	2.81	0.406	0.372	14.4	0.683	1.42	0.944	4.41	1.85 B	29
30	6.13		11.6	2.39	0.367	0.587	12.7	0.446	1.51	0.848	3.56	1.64 B	30
31	3.24		19.4		0.376		4.92	0.495		0.783		1.50 B	31
TOTAL	142.30	28.984	167.005	185.03	34.391	18.020	43.211	24.634	39.968	39.555	85.000	65.740	TOTAL
MEAN	4.59	1.04	5.39	6.17	1.11	0.601	1.39	0.795	1.33	1.28	2.83	2.12	MEAN
MAX	33.0	2.35	19.4	14.4	3.63	1.71	14.4	3.26	8.50	2.70	13.8	10.4	MAX
MIN	1.01	0.550	0.435	2.39	0.367	0.245	0.142	0.260	0.235	0.783	0.608	0.920	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.39
MAXIMUM DAILY, 33.0B ON JAN 20
MINIMUM DAILY, 0.142 ON JUL 26
MAXIMUM INSTANTANEOUS,
33.8 AT 17:00 AST ON JAN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 50 N
LONG 62 46 51 W
DRAINAGE AREA, 92.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 300	JUL	3 730
FEB	2 500	AUG	2 130
MAR	14 400	SEP	3 450
APR	16 000	OCT	3 420
MAY	2 970	NOV	7 340
JUN	1 560	DEC	5 680

TOTAL DISCHARGE, 75 500 dam³

REMARKS - PUBLISHED UNDER THE NAME "MIDDLE RIVER AT ROCKLIN" TO 1985

MOOSE PIT BROOK AT TUPPER LAKE - STATION NO 01EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.446	0.793	0.099B	1.50	0.653	0.186	0.114	2.24	0.413	0.430	0.236	0.928	1
2	0.459	0.557	0.097B	1.34	0.582	0.171	0.104	1.64	0.349	0.394	0.210	0.753	2
3	0.466	0.461	0.095B	1.20	0.536	0.202	0.150	1.21	0.298	0.338	0.190	0.619	3
4	0.862	0.396	0.093B	1.01	0.501	0.202	0.191	1.23	0.272	0.322	0.192	1.09	4
5	0.900B	0.340B	0.091B	0.866	0.428	0.173	0.152	1.15	0.238	0.394	0.205	1.66	5
6	0.710B	0.300B	0.089B	0.734	0.387	0.166	0.149	0.926	0.211	0.406	0.197	1.32	6
7	0.612B	0.276B	0.087B	0.617	0.348	0.195	0.136	0.737	0.171	0.412	0.164	1.08	7
8	0.540B	0.252B	0.085B	0.584	0.316	0.212	0.117	0.611	0.168	0.376	0.248	0.839	8
9	0.480B	0.233B	0.083B	0.866	0.278	0.597	0.106	0.691	0.196	0.319	0.384	0.633	9
10	0.425B	0.216B	0.081B	1.41	0.242	0.778	0.098	0.715	0.169	0.281	0.362	0.665	10
11	0.381B	0.201B	0.078B	2.06	0.225	0.662	0.074	0.609	0.140	0.281	0.378	0.713	11
12	0.360B	0.190B	0.121B	1.74	0.225	0.549	0.058	0.513	0.117	0.226	0.513	0.669	12
13	0.335B	0.179B	0.129E	1.54	0.209	0.452	0.051	0.429	0.117	0.215	0.485	0.583B	13
14	0.312B	0.168B	0.137E	1.29	0.189	0.447	0.073	0.338	0.128	0.228	0.445	0.519B	14
15	0.295B	0.160B	0.169E	1.06	0.156	0.456	0.156	0.296	0.105	0.476	0.453	0.467B	15
16	0.280B	0.152B	0.315E	0.880	0.151	0.370	0.163	0.240	0.113	0.491	0.395A	0.404B	16
17	0.260B	0.147B	0.339E	0.767	0.141	0.327	0.129	0.458	0.611	0.447	0.322E	0.372B	17
18	0.245B	0.141B	0.370E	0.648	0.246	0.436	0.078	0.487	0.636	0.413	0.281E	0.340	18
19	0.230B	0.135B	0.400E	0.559	0.278	0.367	0.078	0.525	0.449	0.384	0.257E	0.319	19
20	1.15	0.129B	1.20 E	0.492	0.244	0.282	0.073	0.736	0.369	0.351	0.263E	0.416	20
21	2.53	0.124B	2.65 E	0.445	0.213	0.280	0.065	0.604	0.291	0.320	0.277E	0.421	21
22	2.16	0.118B	2.55 E	0.438	0.176	0.256	0.063	0.533	0.239	0.300	0.420E	0.349	22
23	1.62	0.116B	2.10 E	0.465	0.182	0.206	0.055	0.447	0.181	0.287	0.598E	0.320	23
24	1.16	0.113B	1.80 E	0.778	0.358	0.199	0.045	0.371	0.339	0.266	0.887A	0.296	24
25	0.852	0.108B	1.50 E	0.866	0.474	0.190	0.042	0.554	0.434	0.256	1.16	0.426	25
26	0.654	0.105B	1.31 A	1.13	0.442	0.182	0.033	0.542	0.428	0.231	1.13	1.09	26
27	0.887	0.102B	1.26	1.27	0.363	0.133	0.046	0.460	0.380	0.227	1.12	1.05	27
28	2.02	0.100B	1.91	1.17	0.305	0.127	0.587	0.546	0.306	0.227	1.43	0.841	28
29	2.29		1.96	0.992	0.283	0.135	1.79	0.638	0.255	0.248	1.34	0.695	29
30	1.67		1.71	0.783	0.245	0.130	1.70	0.576	0.343	0.253	1.13	0.577	30
31	1.17		1.58		0.204		1.78	0.487		0.266		0.469	31
TOTAL	26.763	6.332	24.506	29.430	9.578	9.056	8.456	21.533	8.266	10.045	15.712	20.934	TOTAL
MEAN	0.863	0.226	0.791	0.981	0.309	0.302	0.273	0.695	0.276	0.324	0.524	0.675	MEAN
MAX	2.53	0.793	2.65	2.06	0.653	0.778	1.79	2.24	0.636	0.491	1.43	1.66	MAX
MIN	0.230	0.100	0.078	0.438	0.141	0.127	0.033	0.240	0.105	0.215	0.184	0.296	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.522
MAXIMUM DAILY, 2.65E ON MAR 21
MINIMUM DAILY, 0.033 ON JUL 26
MAXIMUM INSTANTANEOUS,
2.74 AT 16:53 AST ON JAN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 43 N
LONG 65 02 55 W
DRAINAGE AREA, 17.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 310	JUL	731
FEB	547	AUG	1 860
MAR	2 120	SEP	713
APR	2 540	OCT	868
MAY	828	NOV	1 360
JUN	783	DEC	1 810

TOTAL DISCHARGE, 16 500 dam³

NOVA SCOTIA

MUSQUODOBOIT RIVER AT CRAWFORD FALLS - STATION NO. 01EK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.7	39.5	4.80B	70.9	18.0	5.77	6.20	20.0	7.81	18.5	7.53	29.9	1
2	18.2	22.9	4.80B	74.8	17.0	6.12	4.66	15.7	7.03	18.3	6.99	23.4	2
3	18.0	19.0B	4.75B	73.9	23.1	14.0	4.81	12.1	6.31	15.0	7.31	21.4	3
4	30.0	18.0B	4.70B	67.4	21.8	16.5	5.94	14.5	5.57	12.7	7.86	55.8	4
5	48.2	15.8B	4.70B	56.8	17.9	12.3	6.14	28.6	4.91	13.6	7.34	72.9	5
6	46.9	14.0B	4.65B	41.6	15.9	9.44	5.53	22.4	4.47	14.3	6.73	68.7	6
7	33.5	13.0B	4.65B	30.9	14.6	7.78	4.84	15.9	4.13	12.9	8.36	48.7	7
8	22.2	11.8B	4.63B	26.3	13.0	8.44	4.17	12.5	3.79	11.7	9.89	31.4	8
9	17.1	10.8B	4.60B	28.2	11.8	18.4	3.66	10.8	3.53	10.6	9.45	18.0	9
10	15.1	10.3B	4.60B	55.8	10.5	18.9	3.15	10.3	3.16	9.65	13.3	17.3B	10
11	14.1	9.40B	4.93	75.7	9.67	13.7	2.84	9.68	3.00	9.00	16.1	16.0B	11
12	12.2	8.60B	6.56	79.0	8.90	10.9	2.56	6.60	3.55	8.34	13.8	15.0B	12
13	11.8	8.20B	9.23	75.2	8.47	9.37	2.37	7.40	5.50	7.70	12.7	14.2B	13
14	11.4B	7.60B	11.1	67.6	8.00	9.03	2.35	6.40	5.06	7.44	11.4	13.3	14
15	10.8B	7.20B	13.6	56.1	7.24	9.28	2.76	5.63	4.17	15.8	9.35	12.2B	15
16	10.5B	6.70B	27.1	45.6	6.47	8.23	3.87	4.83	4.85	24.0	10.2	11.0B	16
17	10.2B	6.40B	38.6	44.3	6.10	7.19	4.34	5.09	33.2	18.4	11.1	10.2B	17
18	9.80B	6.00B	39.5	50.0	7.36	6.68	4.04	6.09	47.7	17.6	10.9	8.94	18
19	9.60B	5.70B	36.2	42.7	7.90	6.08	3.80	7.53	31.3	20.1	10.3	9.34	19
20	39.4	5.60B	56.5	32.8	6.75	5.10	6.44	19.1	19.6	17.5	8.59	10.7	20
21	81.5	5.30B	77.2	26.7	5.91	4.54	6.22	19.0	15.1	14.6	11.2	10.8	21
22	104	5.20B	92.0	23.4	5.25	4.04	5.01	14.6	12.5	13.1	41.0	8.94	22
23	110	5.10B	94.0	22.4	5.38	3.62	4.19	12.0	11.0	12.7	57.2	7.71	23
24	89.0	5.00B	84.4	28.6	13.1	3.30	3.52	10.3	13.9	12.0	47.5	7.77	24
25	65.1	4.85B	70.2	35.9	19.8	3.26	3.03	10.8	22.4	10.9	55.2	7.27	25
26	35.6	4.90B	56.5	37.5	14.8	3.06	2.88	11.6	24.1	10.0	58.7	24.7	26
27	33.7	4.90B	57.5	33.2	10.9	2.80	2.40	10.3	20.5	9.38	51.7	42.2	27
28	57.1	4.85B	73.3	27.9	8.70	2.74	2.58	11.0	16.4	9.30	58.0	34.0	28
29	76.5		78.3	23.6	7.44	2.83	22.8 A	12.1	13.2	9.41	50.8	20.5	29
30	77.4		72.1	20.6	6.57	4.64	38.7	10.8	12.7	8.91	38.1	16.5	30
31	65.2		66.4		5.88		25.6	9.15		8.24		14.4	31
TOTAL	1 197.90	286.70	1 113.10	1 377.4	343.99	237.98	200.60	374.80	370.64	401.65	668.56	703.17	TOTAL
MEAN	38.6	10.2	35.9	45.9	11.1	7.93	6.47	12.1	12.4	13.0	22.3	22.7	MEAN
MAX	110	39.5	94.0	79.0	23.1	18.9	38.7	28.6	47.7	24.0	58.7	72.9	MAX
MIN	9.60	4.85	4.60	20.6	5.25	2.74	2.35	4.83	3.00	7.44	6.73	7.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 110 ON JAN 23
MINIMUM DAILY, 2.35 ON JUL 14
MAXIMUM INSTANTANEOUS
114 AT 22:11 AST ON JAN 22

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 18 N
LONG 63 13 18 W
DRAINAGE AREA, 650 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	103 000	JUL	17 300
FEB	24 800	AUG	32 400
MAR	96 200	SEP	32 000
APR	119 000	OCT	34 700
MAY	29 700	NOV	57 800
JUN	20 600	DEC	60 800

TOTAL DISCHARGE, 628 000 dam^3

NORTH LITTLE RIVER BELOW BEAVER DAM LAKE - STATION NO. 01FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.585	1.01B	0.102B	4.27	0.878	0.141	0.531	0.108	0.283	1.73	0.562	0.730B	1
2	0.613B	0.700B	0.098B	4.29	0.724	0.144	0.400	0.166	0.197	1.65	0.554	0.575B	2
3	0.555	0.555B	0.095B	4.79	0.558	0.423	0.458	0.144	0.147	1.31	0.556	0.529B	3
4	1.25	0.482B	0.094B	3.23	0.419	0.550	0.630	0.155	0.089	1.06	0.556	1.88	4
5	1.76	0.431B	0.093B	2.33	0.325	0.508	0.787	0.165	0.042	1.11	0.583	1.80	5
6	1.50	0.380B	0.091B	1.63	0.232	0.418	0.670	0.135	0.022	1.13	0.569	1.18	6
7	1.08B	0.340B	0.089B	1.19	0.171	0.359	0.465	0.112	0.017	1.13	0.659	0.490B	7
8	0.775B	0.298B	0.088B	0.991	0.112	0.413	0.327	0.078	0.016	1.12	0.693	0.420B	8
9	0.570B	0.270B	0.086B	1.61	0.093	0.567	0.224	0.061	0.012	1.01	0.704	0.380B	9
10	0.443	0.243B	0.085B	9.30E	0.062	0.544	0.166	0.059	0.010	0.909	1.03	0.345B	10
11	0.347B	0.227B	0.084B	8.29	0.055	0.432	0.150	0.067	0.020	0.818	1.05	0.320B	11
12	0.299B	0.210B	0.083B	5.12	0.054	0.356	0.162	0.048	0.072	0.742	0.913	0.299B	12
13	0.289B	0.197B	0.082B	3.59	0.061	0.285	0.143	0.049	0.148	0.691	0.797	0.284B	13
14	1.36	0.183B	0.081B	2.69	0.069	0.364	0.130	0.039	0.163	0.656	0.893	0.266B	14
15	2.25	0.171B	0.252B	2.10	0.069	0.411	0.238	0.033	0.138	0.751	0.630	0.249B	15
16	1.88	0.160B	0.801B	3.06	0.082	0.381	0.409	0.031	0.283	0.783	0.601	0.230B	16
17	1.32	0.151B	0.465B	5.29	0.066	0.316	0.411	0.083	2.58	0.738	0.867	0.217B	17
18	0.941	0.143B	0.365B	3.84	0.064	0.289	0.311	0.209	2.09	0.951	0.680	0.205B	18
19	0.714	0.138B	0.290B	2.54	0.064	0.217	0.218	1.07	1.24	1.03	0.689	0.192B	19
20	2.37	0.136B	0.250B	1.77	0.059	0.172	0.168	4.25	1.04	0.940	0.640	0.184B	20
21	6.54	0.130B	1.30B	1.34	0.056	0.112	0.136	2.72	0.923	0.821	1.15	0.174B	21
22	4.79	0.125B	0.940B	1.18	0.051	0.099	0.119	1.65	0.824	0.754	6.64	0.164B	22
23	2.74	0.120B	0.690B	1.16	0.051	0.091	0.099	1.09	0.753	0.744	4.25	0.157B	23
24	1.56B	0.116B	0.595B	1.25	0.389	0.062	0.063	0.817	0.921	0.716	2.47	0.149	24
25	0.977B	0.112B	0.540B	1.26	1.35	0.081	0.032	0.835	1.41	0.676	3.05	0.140	25
26	0.602	0.109B	0.510B	1.39	1.13	0.079	0.018	0.728	2.44	0.630	2.17	0.400A	26
27	0.838	0.106B	1.83	2.25	0.752	0.074	0.035	0.550	2.14	0.601	1.96	1.45E	27
28	6.22	0.103B	4.19	2.22	0.482	0.108	0.053	0.695	1.65	0.618	1.92	1.13E	28
29	7.03		3.83	1.76	0.326	0.384	0.068	0.796	1.24	0.635	1.42	0.890E	29
30	3.83		3.06	1.30	0.213	0.634	0.074	0.587	1.13	0.627	1.06B	0.750E	30
31	2.17		3.47		0.166		0.072	0.394		0.608		0.650E	31
TOTAL	58.178	7.345	24.430	86.931	9.263	9.004	7.778	17.893	22.040	27.689	39.896	16.828	TOTAL
MEAN	1.88	0.262	0.788	2.90	0.299	0.300	0.251	0.577	0.735	0.893	1.33	0.543	MEAN
MAX	7.03	1.01	4.19	9.30	1.35	0.634	0.787	4.25	2.58	1.73	6.64	1.88	MAX
MIN	0.289	0.103	0.081	0.991	0.051	0.074	0.018	0.031	0.010	0.601	0.554	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.897
MAXIMUM DAILY, 9.30E ON APR 10
MINIMUM DAILY, 0.010 ON SEP 10
MAXIMUM INSTANTANEOUS,
10.7E AT 20:07 AST ON APR 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 50 N
LONG 61 17 05 W
DRAINAGE AREA, 26.7 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 030	JUL	672
FEB	635	AUG	1 550
MAR	2 110	SEP	1 900
APR	7 510	OCT	2 390
MAY	800	NOV	3 450
JUN	778	DEC	1 450

TOTAL DISCHARGE, 28 300 dam^3

REMARKS - THE E FOR DISCHERGES ABOVE 6.5 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

NORTH RIVER AT NORTH RIVER - STATION NO. 01DH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40B	3.20B	0.980B	31.1	4.88	0.866	1.84	12.5 A	1.30	8.28A	2.67	6.10	1
2	3.95B	2.75B	0.960B	32.8	6.62	2.20	1.32	6.80 A	1.00	6.13	2.63	4.39	2
3	3.60B	2.60B	0.940B	28.0	8.73	4.18	1.73	4.61 A	1.01	4.05	3.03	6.80	3
4	13.2 B	2.40B	0.925B	16.2	5.53	3.06	2.49	5.72 A	0.943	3.79A	2.55	23.7	4
5	11.2 B	2.20B	0.910B	13.4	4.11	1.84	2.10	4.43 A	0.792	5.30A	2.16	12.1	5
6	8.60B	2.14B	0.900B	9.75	3.67	1.51	1.60	2.66	0.712	4.07	2.05	7.36	6
7	7.20B	2.03B	0.880B	7.53	3.31	1.21	1.25	2.06	1.49	4.12	2.80	5.28	7
8	5.60B	1.92B	0.870B	7.07	2.83	3.27	1.07	1.81	1.37	3.31	2.81	3.55	8
9	4.40B	1.83B	0.860B	11.3	2.46	4.80	0.936	1.62	0.864	2.82	3.12	1.91	9
10	3.60B	1.75B	0.850B	31.3	2.13	2.26	0.754	1.86	0.762	2.91	7.30	1.90B	10
11	3.16	1.67B	0.843B	21.9	1.89	1.64	0.743	1.61	0.773	2.56	4.12	1.85B	11
12	2.81	1.60B	1.43 B	21.3	1.78	1.46	0.695	1.37	2.19	2.17	3.47	1.82B	12
13	2.59	1.53B	5.73 B	19.2	1.73	1.31	0.617	1.05	1.93	2.05	3.37	1.79B	13
14	2.20B	1.47B	3.80 B	16.2	1.68	6.84	0.652	0.891	1.19	2.97	2.05	1.77B	14
15	2.03B	1.43B	3.17 B	15.6	1.52	3.40	1.35	0.817	0.892	25.5 A	2.50	1.75B	15
16	1.88B	1.30B	14.9 B	16.0 A	1.37	2.05	1.55	0.712	7.18	9.89	2.43	1.74B	16
17	1.78B	1.27B	4.95 B	34.5 A	1.31	3.73	1.24	1.80	38.9 A	6.36	2.14	1.72B	17
18	1.72B	1.24B	4.10 B	20.6	1.88	2.95	0.829	1.83	11.6	8.80A	2.12	1.70B	18
19	39.7 B	1.22B	3.70 B	14.1	1.77	1.71	0.721	1.37	6.12	7.45	1.43B	1.67B	19
20	29.5 B	1.19B	39.7 B	11.2	1.37	1.40	0.640	1.29	4.09	5.29	1.32B	1.63B	20
21	24.5	1.17B	28.0 B	10.9	1.18	1.21	0.622	1.06	3.10	3.99	1.81B	1.62B	21
22	14.1	1.13B	18.2 B	13.3	1.19	0.990	0.569	0.835	2.47	4.52A	15.8	1.60B	22
23	8.20B	1.11B	14.4 B	18.1	1.21	0.954	0.555	0.881	2.70	3.94	7.07	1.59B	23
24	3.55B	1.08B	11.7 B	28.0	1.99	1.32	0.486	0.753	20.4	4.05	21.8	1.57B	24
25	3.15B	1.06B	9.06 B	18.1	1.89	1.50	0.419	1.45	13.9	3.82	29.2	1.56B	25
26	3.10B	1.04B	8.52	14.5	1.47	1.10	0.395	1.12	11.8	3.18	12.9	20.9 B	26
27	18.0 B	1.02B	20.5	11.8	1.15	0.928	0.652	0.969	7.49	2.82	31.8	12.2	27
28	51.2 A	1.01B	22.4	9.41	0.966	1.31	15.3	4.16	5.16	6.20	18.1	8.41	28
29	15.8		15.8	7.58	0.935	1.62	32.2 A	3.10	3.77	4.20	11.8	4.18	29
30	7.98		19.3	6.22	0.894	1.46	15.9 A	1.62	4.59 A	3.32	8.49	3.86	30
31	4.01B		34.9		0.813		14.3 A	1.26		3.00A		2.33B	31
TOTAL	305.69	45.36	294.578	516.96	74.258	64.078	105.545	73.818	160.588	160.86	214.04	147.95	TOTAL
MEAN	9.86	1.62	9.50	17.2	2.40	2.14	3.40	2.38	5.35	5.19	7.13	4.77	MEAN
MAX	51.2	3.20	39.7	34.5	8.73	6.84	32.2	12.5	38.9	25.5	31.8	23.7	MAX
MIN	1.72	1.01	0.843	6.22	0.813	0.866	0.395	0.712	0.712	2.05	1.32	1.56	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.93
MAXIMUM DAILY, 51.2A ON JAN 28
MINIMUM DAILY, 0.395 ON JUL 26
MAXIMUM INSTANTANEOUS,
104 AT 03.45 AST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 30 N
LONG 63 15 20 W
DRAINAGE AREA, 202 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 400	JUL	9 120
FEB	3 920	AUG	6 380
MAR	25 500	SEP	13 900
APR	44 700	OCT	13 900
MAY	6 420	NOV	18 500
JUN	5 540	DEC	12 800

TOTAL DISCHARGE, 187 000 dam³

NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY - STATION NO. 01FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8	26.5 A	5.15B	34.9	18.1	4.87	5.42	9.80	4.98	9.95	9.73	24.0 B	1
2	20.1	22.0 E	5.09B	30.3	17.1	9.88	5.06	7.47	4.53	8.85	9.69	22.5 B	2
3	16.4	19.8 E	4.99B	52.1	15.7	16.3	5.14	6.23	4.47	7.83	11.8	21.3 B	3
4	23.4	17.6 E	4.89B	23.4	14.0	13.0	5.82	5.81	4.32	7.55	10.3	53.0	4
5	20.6	15.5 B	4.82B	16.8B	12.7	9.70	7.59	5.48	4.09	11.9	11.0	45.6	5
6	17.4	14.4 B	4.75B	14.3B	11.8	8.42	6.66	4.94	3.95	15.2	10.0	32.9	6
7	13.6 B	13.2 B	4.66B	12.9B	11.2	7.26	5.58	4.76	4.01	14.4	9.66	23.8 B	7
8	11.9 B	12.2 B	4.58B	11.8B	10.9	10.6	5.05	4.58	3.94	21.0	9.61	20.9 B	8
9	10.9 B	11.7 B	4.49B	11.2B	10.1	50.3	4.90	4.52	3.73	15.2	10.1	18.6 B	9
10	10.1 B	11.1 B	4.44B	40.6	9.65	21.2	4.74	4.61	3.58	13.2	26.6	16.9 B	10
11	9.75B	10.5 B	4.37B	41.0	9.34	14.7	7.42	4.53	6.22	11.6	17.0	15.5 B	11
12	9.30B	9.90B	4.31B	31.5	8.58	12.3	7.94	4.36	55.8	10.9	13.6	14.6 B	12
13	9.00B	9.20B	4.24B	31.8	8.35	11.1	6.79	4.19	28.4	10.3	12.5	13.7 B	13
14	32.7	8.70B	4.16B	25.4	8.22	10.6	5.73	3.82	15.8	9.88	11.9	12.6 B	14
15	27.7	8.20B	4.11B	27.4	8.04	9.86	5.47	3.67	12.0	20.4	11.3	12.0 B	15
16	19.3	7.90B	4.05B	53.5	7.58	9.08	5.75	3.84	10.6	15.7	10.6	11.4 B	16
17	16.2 B	7.60B	4.00B	59.1	7.24	9.39	5.70	3.87	14.1	12.5	10.1	10.8 B	17
18	15.0 B	7.30B	3.96B	37.4	7.43	9.27	5.15	3.84	11.7	12.5	10.4	10.2 B	18
19	14.2 B	7.00B	3.91B	28.6	7.14	8.28	5.23	4.15	10.2	11.9	11.1	9.80B	19
20	113	6.70B	14.8 B	25.1	6.80	7.60	4.68	4.94	9.24	11.0	10.0	9.40B	20
21	165	6.50B	11.2 B	30.3	6.63	7.16	4.74	3.99	8.50	10.2	9.57	9.05B	21
22	65.6	6.25B	9.80B	48.0	6.55	6.79	4.99	3.56	8.07	10.3	15.0	8.74B	22
23	41.5	6.00B	8.50B	54.1	6.33	6.68	4.47	3.55	7.66	10.5	14.7	8.45B	23
24	25.0 B	5.80B	7.70B	57.8	6.32	6.74	4.17	3.47	7.82	12.8	34.4	8.19B	24
25	21.7 B	5.68B	7.20B	52.2	7.59	6.88	3.98	4.08	8.05	13.3	132	7.99B	25
26	19.3 B	5.55B	6.90B	43.8	6.59	6.22	3.85	3.97	8.24	11.8	41.7	16.5	26
27	53.0	5.42B	22.1	33.9	5.89	5.78	3.85	3.76	11.9	10.7	59.0	18.5	27
28	473	5.28B	28.7	27.5	5.42	5.88	3.84	10.8	11.1	10.3	54.3	13.3	28
29	130		17.7	23.6	5.17	6.81	11.1	8.37	8.98	9.99	36.7	10.5	29
30	41.8		15.0	20.1	5.10	6.91	10.4	6.82	8.16	9.60	27.7 B	8.90B	30
31	29.7		32.1		5.06		8.41	5.55		10.6		8.30B	31
TOTAL	1 495.95	283.28	266.67	1 000.2	276.42	318.56	179.72	157.53	304.13	371.85	662.06	518.02	TOTAL
MEAN	48.3	10.5	8.60	33.3	8.92	10.6	5.80	5.40	10.1	12.0	22.1	16.7	MEAN
MAX	473	26.5	32.1	59.1	18.1	50.3	11.1	10.8	55.8	21.0	132	53.0	MAX
MIN	9.00	5.28	3.91	11.2	5.06	4.87	3.84	3.47	3.58	7.55	9.57	7.99	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.0
MAXIMUM DAILY, 473 ON JAN 28
MINIMUM DAILY, 3.47 ON AUG 24
MAXIMUM INSTANTANEOUS,
708E AT 18.19 AST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 10 N
LONG 60 58 36 W
DRAINAGE AREA, 368 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	129 000	JUL	15 500
FEB	25 300	AUG	14 500
MAR	23 000	SEP	26 300
APR	86 400	OCT	32 100
MAY	23 900	NOV	57 200
JUN	27 500	DEC	44 800

TOTAL DISCHARGE, 606 000 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 496 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

NOVA SCOTIA

PEMBROKE RIVER AT GLENBERVIE - STATION NO. 01DG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70 B	1.65 B	0.390B	9.63	1.86	0.353	0.419	3.23	0.826	2.13	0.800E	2.33	1
2	2.10 B	1.35 B	0.388B	8.22	2.44	0.550	0.341	2.83	0.676	1.90	0.790E	1.96 B	2
3	1.30 B	1.15 B	0.380B	8.39	3.66	1.03	0.552	1.76	0.592	1.60	0.820E	2.25 B	3
4	2.40 B	1.00 B	0.375B	5.64	2.66	0.771	0.735	2.38	0.485	1.57	0.891	7.34	4
5	4.30 B	0.930B	0.370B	4.15	1.83	0.886	0.853	1.89	0.422	1.74	0.747	4.59	5
6	3.00 B	0.860B	0.370B	3.38	1.59	0.439	0.608	1.32	0.316	1.42	0.769	3.11	6
7	2.10 B	0.800B	0.365B	2.79	1.46	0.225	0.547	0.868	0.491	1.37	0.947	2.31	7
8	1.70 B	0.720B	0.362B	2.38	1.23	0.539	0.474	0.837	0.482	1.23	0.948	1.82	8
9	1.50 B	0.670B	0.360B	2.72	1.07	1.27	0.444	0.766	0.358	1.15	1.01	1.55 B	9
10	1.30 B	0.630B	0.355B	7.31	0.974	0.843	0.430	0.848	0.350	1.12	1.92	1.28 B	10
11	1.18 B	0.600B	0.600B	6.85	0.866	0.485	0.234	0.661	0.673	1.02	1.46	1.12 B	11
12	1.12 B	0.586B	0.951B	5.85	0.813	0.409	0.077	0.504	1.25	0.882	1.22	1.00 B	12
13	1.05 B	0.545B	1.40 B	6.01	0.914	0.371	0.073	0.460	0.906	0.876	1.05 B	0.900B	13
14	0.880B	0.530B	1.80 B	5.19	0.726	1.05	0.186	0.414	0.654	1.12	0.830B	0.810B	14
15	0.950B	0.520B	2.70 B	4.31	0.551	0.725	1.15	0.370	0.460	3.33	1.01	0.760B	15
16	0.930B	0.500B	4.40 B	4.40	0.552	0.539	0.845	0.264	2.39	1.93	0.933	0.705B	16
17	0.900B	0.490B	7.00 B	6.51	0.478	0.420	0.520	0.680	6.90	1.82	0.941	0.685B	17
18	0.870B	0.480B	5.00 B	4.74	0.582	0.448	0.276	0.638	3.33	1.97	0.874	0.635B	18
19	0.860B	0.470B	3.50 B	3.44	0.554	0.344	0.658	0.578	2.14	1.63	0.827	0.610B	19
20	5.00 B	0.460B	15.0 B	2.85	0.483	0.270	0.426	0.802	1.65	1.43	0.786	0.580B	20
21	21.0	0.450B	11.0 B	2.73	0.424	0.211	0.361	0.557	1.23	1.15	1.06	0.560B	21
22	7.51	0.440B	3.00 B	2.95	0.416	0.213	0.288	0.502	0.993	1.20	4.27	0.780B	22
23	4.88	0.435B	7.00 B	3.76	0.453	0.174	0.244	0.379	1.22	1.08	2.53	0.785B	23
24	3.30 B	0.430B	5.28	5.69	0.923	0.214	0.191	0.289	6.00	1.03	8.03	0.550B	24
25	2.30 B	0.420B	4.33	6.00	0.768	0.240	0.131	1.17	4.35	0.983	11.5	0.580B	25
26	3.30 B	0.410B	3.20	4.67	0.574	0.152	0.265	0.950	3.30	0.860E	4.84	2.72 B	26
27	6.91	0.405B	5.49	3.78	0.460	0.189	0.137	0.862	2.82	0.950E	9.66	2.10 B	27
28	20.3	0.400B	6.68	2.87	0.398	0.305	3.65	1.95 A	2.15	0.900E	6.50	1.60 B	28
29	3.00 B		6.48	2.63	0.350	0.486	21.7	1.55	1.70	0.880E	4.34	1.10 B	29
30	2.20 B		5.73	2.24	0.285	0.483	10.7	1.08	1.89	0.850E	3.18	0.760B	30
31	2.00 B		6.69		0.262		5.07	0.869		0.840E		0.625B	31
TOTAL	111.940	18.331	121.053	142.10	30.714	14.124	52.385	32.098	53.012	41.751	75.453	48.385	TOTAL
MEAN	3.61	0.655	3.90	4.74	0.991	0.471	1.69	1.04	1.77	1.35	2.52	1.56	MEAN
MAX	21.0	1.65	15.0	9.63	3.66	1.27	21.7	3.23	6.90	3.33	11.5	7.34	MAX
MIN	0.860	0.400	0.355	2.24	0.262	0.152	0.073	0.264	0.316	0.840	0.747	0.550	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.03
MAXIMUM DAILY, 21.7 ON JUL 29
MINIMUM DAILY, 0.073 ON JUL 13
MAXIMUM INSTANTANEOUS,
70.0E AT 15:30 AST ON JAN 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 54 N
LONG 62 55 29 W
DRAINAGE AREA, 73.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 670	JUL	4 520
FEB	1 580	AUG	2 770
MAR	10 500	SEP	4 580
APR	12 300	OCT	3 610
MAY	2 650	NOV	6 520
JUN	1 220	DEC	4 180

TOTAL DISCHARGE, 84 100 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 25.6 IS DUE TO CURVE EXTENSION

RIGHTS RIVER NEAR ANTIGONISH - STATION NO. 01DR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.88	1.47 B	0.195B	6.80	1.25	0.353	0.178	0.721	0.379	3.06	0.761	1.34 B	1
2	3.02	1.23 B	0.187B	10.7	1.27	0.486	0.158	0.507	0.330	1.86	0.761	1.24 B	2
3	2.54	1.06 B	0.180B	7.34	1.41	1.25	0.225	0.417	0.282	1.39	1.08	1.71 B	3
4	3.72 B	0.940B	0.174B	4.24	1.03	0.858	0.261	0.650	0.275	1.35	0.855	8.93	4
5	2.40 B	0.825B	0.168B	3.17	0.938	0.625	0.240	0.573	0.248	2.64	0.874	3.17	5
6	1.68 B	0.762B	0.163B	2.49	0.864	0.486	0.193	0.355	0.214	1.69	0.796	2.10	6
7	1.23 B	0.682B	0.159B	2.01	0.763	0.379	0.165	0.274	0.300	1.91	1.12	1.51 B	7
8	1.02 B	0.620B	0.156B	1.76	0.679	0.597	0.145	0.242	0.266	1.41	0.882	1.44 B	8
9	0.899B	0.565B	0.152B	2.91	0.641	1.19	0.121	0.207	0.207	1.11	0.879	1.36 B	9
10	0.725B	0.527B	0.148B	10.5	0.577	0.589	0.111	0.254	0.171	1.62	1.52	1.27 B	10
11	0.620B	0.493B	0.144B	5.23	0.534	0.423	0.123	0.257	0.398	1.35	0.977	1.18 B	11
12	0.555B	0.455B	0.310B	4.30	0.525	0.371	0.142	0.218	1.03	1.07	0.825	1.13 B	12
13	0.527B	0.412B	0.705B	4.91	1.58	0.316	0.115	0.189	0.517	0.932	0.775	1.07 B	13
14	5.90 B	0.382B	0.370B	3.80	1.06	0.742	0.108	0.158	0.328	0.901	0.739	1.02 B	14
15	3.60 B	0.365B	0.308B	3.26	0.711	0.512	0.211	0.148	0.220	1.33	1.00	0.980B	15
16	2.50 B	0.352B	1.98 B	7.81	0.576	0.355	0.327	0.141	2.66	0.936	0.902	0.930B	16
17	1.95 B	0.345B	1.27 B	16.2	0.504	0.282	0.254	0.153	12.1	0.822	0.866	0.880B	17
18	1.70 B	0.316B	0.920B	5.64	0.464	0.261	0.165	0.212	2.39	2.22	0.746	0.840B	18
19	1.44 B	0.300B	0.800B	3.73	0.444	0.214	0.125	0.355	1.47	1.66	0.778	0.800B	19
20	10.8 B	0.282B	14.0 B	3.08	0.404	0.201	0.105	1.07	1.12	1.16	2.18	0.770B	20
21	6.80 B	0.271B	7.00 B	2.88	0.401	0.178	0.121	0.512	0.879	0.887	4.11	0.740B	21
22	3.95 B	0.260B	3.80 B	3.24	0.404	0.169	0.115	0.328	0.755	1.02	10.5	0.710B	22
23	2.60 B	0.249B	2.40 B	3.31	0.477	0.173	0.091	0.686	0.653	0.950	3.05	0.680B	23
24	1.86 B	0.238B	1.60 B	3.17	1.08	0.235	0.073	0.430	2.83	1.14	5.18	0.655B	24
25	1.63 B	0.229B	1.33 B	3.03	0.907	0.237	0.061	1.22	9.66	1.44	6.69	0.622B	25
26	1.88 B	0.222B	1.20 B	2.76	0.636	0.167	0.050	0.769	5.03	0.998	2.85	6.41 B	26
27	3.90 B	0.215B	10.6 B	2.32	0.493	0.164	0.257	0.560	3.90	0.846	4.87	2.40 B	27
28	11.6 B	0.206B	6.90 B	1.97	0.404	0.188	0.417	0.678	2.16	1.61	2.98	1.40 B	28
29	4.80 B		4.55 B	1.69	0.404	0.240	2.08	0.789	1.51	1.20	2.16	1.31 B	29
30	2.10 B		6.80 B	1.43	0.337	0.216	1.20	0.506	2.53	0.882	1.68 B	1.23 B	30
31	1.73 B		12.2 B		0.347		0.749	0.394		0.893		1.15 B	31
TOTAL	93.556	14.273	80.869	137.65	22.124	12.496	8.887	14.025	54.873	42.477	63.286	51.987	TOTAL
MEAN	3.02	0.510	2.61	4.59	0.714	0.417	0.280	0.452	1.83	1.37	2.11	1.68	MEAN
MAX	11.6	1.47	14.0	16.2	1.58	1.25	2.08	1.22	12.1	3.06	10.5	8.93	MAX
MIN	0.527	0.206	0.144	1.43	0.337	0.164	0.050	0.141	0.171	0.822	0.739	0.622	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 16.2 ON APR 17
MINIMUM DAILY, 0.050 ON JUL 26
MAXIMUM INSTANTANEOUS,
27.2 AT 17:43 AST ON SEP 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 44 N
LONG 62 01 15 W
DRAINAGE AREA, 84.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 080	JUL	749
FEB	1 230	AUG	1 210
MAR	6 990	SEP	4 740
APR	11 900	OCT	3 670
MAY	1 910	NOV	5 470
JUN	1 080	DEC	4 490

TOTAL DISCHARGE, 51 900 dam³

RIVER INHABITANTS AT GLENORA - STATION NO. 01FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	7.20B	1.20B	43.8	5.79	1.77	2.57	2.18	1.78	11.3	2.32	5.80B	1
2	5.40B	6.00B	1.16B	32.3	4.98	1.84	1.86	1.90	1.53	7.59	2.19	5.24	2
3	4.00B	5.20B	1.14B	40.8	4.59	4.99	2.47	1.52	1.40	4.77	2.97	5.09	3
4	16.8 B	4.65B	1.12B	19.7	4.05	3.95	4.60	1.79	1.32	3.85	2.54	31.5	4
5	12.7 B	4.14B	1.11B	13.9	3.59	3.25	5.13	2.23	1.21	12.9	2.78	20.8	5
6	8.20B	3.75B	1.10B	9.16	3.17	2.54	2.95	1.55	1.16	9.95	2.47	8.86	6
7	6.10B	3.43B	1.09B	7.33	2.77	2.04	2.21	1.22	1.26	8.75	3.47	6.00B	7
8	5.25B	3.14B	1.08B	6.28	2.64	3.10	1.71	1.08	1.39	8.28	3.22	5.60B	8
9	4.78B	2.91B	1.07B	13.5	2.50	7.98	1.52	0.994	1.23	5.70	2.90	4.95B	9
10	4.37B	2.68B	1.06B	84.0	2.32	3.77	1.39	1.04	1.18	4.87	6.71	4.55B	10
11	4.04B	2.49B	1.05B	64.1	2.20	2.49	1.64	1.31	2.12	4.26	4.58	4.21B	11
12	3.77B	2.33B	1.05B	27.3	2.11	2.05	1.94	1.18	15.4	3.64	3.38	3.89B	12
13	3.50B	2.17B	1.04B	23.3	2.10	1.89	1.57	1.05	6.43	3.13	2.98	3.62B	13
14	24.0 B	2.04B	1.04B	16.6	2.00	2.71	1.39	0.967	3.07	2.88	2.55	3.40B	14
15	13.4 B	1.90B	2.20B	16.8	1.85	2.47	4.40	0.911	2.08	8.05	3.24	3.22B	15
16	8.54B	1.79B	3.52B	27.1	1.70	1.96	3.96	0.875	3.67	5.38	2.58	3.03B	16
17	6.90B	1.69B	1.83B	45.9	1.61	1.77	2.77	0.949	34.6	3.65	3.15	2.88B	17
18	5.90B	1.59B	1.45B	22.6	1.59	1.76	1.88	0.947	17.3	7.32	2.86	2.70B	18
19	5.03B	1.53B	1.34B	13.5	1.58	1.56	1.60	5.23	6.08	6.27	2.71	2.60B	19
20	23.0 B	1.47B	4.60B	10.7	1.55	1.55	1.49	20.0	4.15	4.07	2.90	2.52B	20
21	51.5 B	1.43B	9.45B	9.61	1.50	1.40	1.46	5.98	3.28	3.32	5.25	2.43B	21
22	26.0 B	1.38B	6.20B	10.9	1.57	1.29	1.44	2.94	2.70	3.38	49.1	2.37B	22
23	15.6 B	1.36B	4.90B	11.9	1.58	1.27	1.27	2.13	[illegible].49	3.84	25.0	2.31B	23
24	8.90B	1.34B	4.25B	15.1	9.77	1.73	1.24	1.85	4.62	3.38	12.0	2.25B	24
25	6.20B	1.31B	3.70B	12.7	13.4	1.92	1.22	4.96	8.21	3.30	32.6	2.18B	25
26	5.36B	1.27B	3.35B	11.0	5.29	1.59	1.16	3.93	16.6	2.83	15.7	16.5 A	26
27	4.81B	1.25B	8.00B	11.3	3.22	1.30	1.48	3.44	11.9	2.52	16.2	23.1	27
28	21.0 B	1.23B	35.0 B	11.7	2.47	1.90	2.19	4.87	7.66	3.19	14.5	10.0	28
29	54.0 B		30.0 B	8.81	2.16	3.69	1.79	4.15	4.72	3.33	8.35	5.60B	29
30	16.0 B		24.5 B	7.00	1.98	3.49	2.44	2.73	4.74	2.80	5.60B	4.30B	30
31	9.00B		34.0 B		1.83		2.17	2.01		2.55		3.60B	31
TOTAL	386.37	72.67	193.60	648.79	99.48	75.12	66.91	87.913	175.30	161.07	247.96	204.80	TOTAL
MEAN	12.5	2.60	6.25	21.6	3.21	2.50	2.16	2.84	5.84	5.20	8.27	6.61	MEAN
MAX	54.0	7.20	35.0	84.0	13.4	7.98	5.13	20.0	34.6	12.9	49.1	31.5	MAX
MIN	3.50	1.23	1.04	6.28	1.50	1.27	1.16	0.875	1.16	2.52	2.19	2.18	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.64
MAXIMUM DAILY, 84.0 ON APR 10
MINIMUM DAILY, 0.875 ON AUG 16
MAXIMUM INSTANTANEOUS,
96.1 AT 19:23 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 15 N
LONG 61 17 10 W
DRAINAGE AREA, 193 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 600	JUL	5 780
FEB	6 280	AUG	7 600
MAR	16 700	SEP	15 100
APR	56 100	OCT	13 900
MAY	8 600	NOV	21 400
JUN	6 490	DEC	17 700

TOTAL DISCHARGE, 209 000 dam³

RIVER JOHN AT WELSFORD - STATION NO. 01DO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.70B	5.60B	1.15 B	45.0	5.71	0.967	0.550	6.08	0.543	5.54	2.37	6.50	1
2	7.40B	4.90B	1.10 B	49.7	5.82	1.36	0.529	3.63	0.486	5.24	2.31	5.09	2
3	5.90B	4.45B	1.05 B	35.8	6.47	3.28	0.646	2.50	0.497	3.59	3.11	10.3	3
4	9.20B	4.05B	1.00 B	20.1	4.90	2.43	0.693	2.13	0.498	3.29	2.69	24.9	4
5	7.10B	3.74B	0.850B	14.1	4.17	1.73	0.621	1.66	0.469	3.85	2.19	10.3	5
6	6.00B	3.43B	0.900B	10.1	4.03	1.41	0.564	1.33	0.426	3.03	2.02	6.57	6
7	4.95B	3.15B	0.880B	8.43	3.64	1.08	0.503	1.03	0.481	5.53	2.46	4.79A	7
8	4.35B	2.90B	0.860B	7.63	3.14	1.47	0.477	0.884	0.538	4.65	2.65	3.80B	8
9	3.80B	2.70B	0.830B	10.8	2.82	2.18	0.433	0.888	0.442	3.18	2.61	3.15B	9
10	3.40B	2.55B	0.800B	32.1	2.56	1.40	0.409	0.921	0.426	4.33	5.00	4.45B	10
11	3.00B	2.43B	1.06 B	24.5	2.30	1.02	0.446	0.825	0.437	3.97	3.38	3.90B	11
12	2.70B	2.33B	2.55 B	20.5	2.34	0.908	0.464	0.724	0.557	2.85	2.74	3.50B	12
13	2.40B	2.25B	2.25 B	18.6	2.64	0.798	0.397	0.629	0.534	2.42	2.53	3.25B	13
14	2.15B	2.18B	1.80 B	15.4	2.32	1.62	0.402	0.541	0.438	2.18	1.96	3.00B	14
15	1.78B	2.10B	3.20 B	14.7	1.9[illegible]	1.44	0.511	0.508	0.380	7.73	1.90B	2.80B	15
16	1.50B	2.05B	5.40 B	31.7	1.72	0.985	0.644	0.605	0.701	4.39	2.03	2.63B	16
17	1.25B	1.98B	8.40 B	91.0	1.63	0.995	0.585	0.666	13.3	3.08	2.04	2.50B	17
18	1.10B	1.88B	6.30 B	30.3	1.61	1.03	0.475	0.736	4.20	6.39	1.89	2.39B	18
19	1.00B	1.80B	4.30 B	17.0	1.56	0.777	0.419	0.630	2.57	6.11	1.52	2.82B	19
20	9.00B	1.70B	10.3 B	12.7	1.42	0.731	0.396	0.815	1.82	4.30	1.74	2.61B	20
21	81.0 B	1.62B	56.0 B	11.6	1.32	0.665	0.381	0.786	1.48	3.52	3.82	2.49B	21
22	51.0 B	1.58B	36.0 B	13.5	1.22	0.612	0.363	0.615	1.16	3.25	22.5	2.37B	22
23	37.0 B	1.50B	26.5 B	15.8	1.32	0.588	0.321	0.614	0.897	2.99	10.2	2.26B	23
24	25.5 B	1.46B	22.1 B	20.3	1.95	0.766	0.304	0.648	5.47	2.95	23.9	2.16B	24
25	15.8 B	1.40B	15.4 B	15.8	1.72	0.701	0.274	0.690	6.82	2.82	33.8	2.10B	25
26	35.0 B	1.35B	17.9 B	13.0	1.45	0.584	0.280	0.664	9.24	2.37	14.0	10.2 B	26
27	50.0 B	1.30B	23.0 B	10.8	1.2[illegible]	0.529	0.588	0.596	6.20	2.15	24.7	9.10B	27
28	34.0 B	1.25B	19.0 B	9.13	1.10	[illegible]	5.79	0.970	4.22	5.58	15.6	7.80B	28
29	16.7		16.3 B	7.70	1.10	0.611	20.3	0.977	2.86	4.34	10.4	6.80B	29
30	8.08		25.5 B	6.56	1.01	0.570	8.00	0.727	2.78	3.46	8.64	5.90B	30
31	6.70B		66.8		0.929		5.15	0.585		2.87		5.30B	31
TOTAL	445.45	69.63	378.580	634.35	77.219	33.784	52.885	35.394	70.880	121.88	216.80	165.73	TOTAL
MEAN	14.4	2.49	12.2	21.1	2.49	1.13	1.71	1.14	2.36	3.93	7.22	5.35	MEAN
MAX	81.0	5.60	66.8	91.0	6.47	3.28	20.3	6.08	13.3	7.73	33.8	24.9	MAX
MIN	1.00	1.25	0.800	6.56	0.929	0.529	0.280	0.505	0.380	2.15	1.52	2.10	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.31
MAXIMUM DAILY, 91.0 ON APR 17
MINIMUM DAILY, 0.260 ON JUL 26
MAXIMUM INSTANTANEOUS,
127 AT 06:12 AST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 42 N
LONG 63 03 08 W
DRAINAGE AREA, 249 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 500	JUL	4 570
FEB	6 020	AUG	3 080
MAR	32 800	SEP	6 120
APR	54 800	OCT	10 500
MAY	6 670	NOV	18 700
JUN	2 920	DEC	14 300

TOTAL DISCHARGE, 199 000 dam³

RODGERS BROOK NEAR JAKES LANDING - STATION NO. 01ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135	0.306B	0.041B	0.918B	---	---	---	---	0.076	---	---	0.477	1
2	0.129	0.264B	0.039B	0.823B	---	0.054	---	---	---	---	---	---	2
3	0.124	0.220B	0.037B	0.710B	---	---	---	---	---	---	0.074	---	3
4	0.444	0.190B	0.036B	0.641B	---	---	---	0.589	---	---	---	---	4
5	0.455	0.162B	0.035B	0.535B	0.289	---	---	---	---	---	---	---	5
6	0.277B	0.141B	0.033B	0.482B	---	---	---	---	---	0.116	---	---	6
7	0.218B	0.131B	0.032B	0.457B	---	---	---	---	---	---	---	---	7
8	0.176B	0.119B	0.032B	0.496B	---	---	0.039	---	0.054	---	---	0.882	8
9	0.142B	0.110B	0.031B	0.522B	---	0.345	---	---	---	---	---	---	9
10	0.123B	0.103B	0.031B	0.560B	---	---	---	---	---	---	0.199	---	10
11	0.107B	0.095B	0.030B	0.592B	---	---	---	0.548	---	---	---	---	11
12	0.083B	0.091B	0.040B	0.518	0.105	---	---	---	---	---	---	---	12
13	0.082B	0.086B	0.058B	0.428	---	---	---	---	---	0.051	---	---	13
14	0.074B	0.081B	0.217B	0.382	---	---	0.017	---	---	---	---	---	14
15	0.069B	0.076B	0.262B	0.320	---	---	---	---	0.026	---	---	0.504	15
16	0.064B	0.072B	0.271B	0.270	---	0.078	---	---	---	---	---	---	16
17	0.060B	0.068B	0.283B	0.245	---	---	---	---	---	---	0.151	---	17
18	0.057B	0.064B	0.422B	0.218	---	---	---	0.202	---	---	---	---	18
19	0.056B	0.061B	0.630B	0.197	---	---	---	---	---	---	---	---	19
20	0.455	0.058B	1.02 B	0.183	0.082	---	---	---	---	0.082	---	---	20
21	1.17	0.056B	1.22 B	0.168	---	---	0.013	---	---	---	---	---	21
22	0.590B	0.054B	1.33 B	0.159	---	---	---	---	0.054	---	---	0.252	22
23	0.418B	0.052B	1.06 B	0.152	---	0.055	---	---	---	---	---	---	23
24	0.339B	0.050B	0.950B	0.166	---	---	---	---	---	---	0.190	---	24
25	0.410B	0.049B	0.878B	0.198	---	---	---	0.205	---	---	---	---	25
26	0.565B	0.047B	0.817B	0.228	0.156	---	---	---	---	---	---	---	26
27	0.740B	0.045B	0.776B	0.371	---	---	---	---	---	0.061	---	---	27
28	1.17	0.044B	0.723B	0.332	---	---	---	---	---	---	---	---	28
29	0.995		0.795B	0.298	---	---	0.379	---	0.080	---	---	0.185	29
30	0.873		0.938B	0.274	---	0.034	---	---	---	---	---	---	30
31	0.440B		0.950B		---		---	---		---		---	31
TOTAL	11.181	2.887	14.050	11.844	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.361	0.103	0.453	0.395	---	---	---	---	---	---	---	---	MEAN
MAX	1.17	0.306	1.33	0.918	---	---	---	---	---	---	---	---	MAX
MIN	0.056	0.044	0.030	0.152	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 26 46 N
LONG 65 13 00 W
DRAINAGE AREA, 8.74 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	966	JUL	---
FEB	249	AUG	---
MAR	1 210	SEP	---
APR	1 020	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

ROSEWAY RIVER AT LOWER OHIO - STATION NO. 01EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.9E	31.3 B	11.3	32.5	23.1	7.80	6.01	55.6	14.2	11.6	8.06	37.1	1
2	18.4E	30.4 B	10.3	29.5	21.3	7.78	5.88	57.0	13.0	11.5	7.84	35.3A	2
3	18.6E	28.1	9.40	26.8	19.8	7.63	7.53	55.9	11.8	11.2	7.62	35.6	3
4	20.4E	27.5	8.86	24.3	18.1	7.47	7.67	56.1	10.4	11.1	7.27	40.1	4
5	21.8E	25.4	8.33	21.7	16.8	7.09	7.83	51.8	9.23	11.1	7.01	40.4	5
6	23.3B	22.9	7.79	19.5	15.4	8.76	8.06	46.0	8.31	10.7	7.44	41.1	6
7	24.9B	21.4 B	7.78B	17.7	14.1	9.77	7.86	40.2	7.82	10.4	8.78	42.1	7
8	23.1B	19.0 B	8.17B	16.8	12.8	12.1	7.77	35.7	7.11	9.84	9.09	41.5	8
9	20.6B	16.5 B	7.61B	18.6	11.9	16.6	7.35	34.1	6.45	9.67	9.96	38.2	9
10	18.7B	15.2 B	7.66B	22.9	10.9	19.5	6.80	34.1	6.07	9.32	11.5	37.1	10
11	17.7B	14.2 B	8.60B	25.7	9.90	22.0	6.17	35.5	5.72	8.91	12.5	34.3	11
12	16.2B	12.9	10.5 B	28.0	9.36	23.3	5.62	36.7	5.33	8.31	13.5	31.8	12
13	14.7B	11.9 B	12.3	29.4	8.62	23.3	5.15	36.7	4.92	8.03	14.0	30.2	13
14	13.5B	11.1 B	15.1	29.0	7.85	22.4	5.02	34.8	4.65	8.14	13.9	28.0B	14
15	12.4B	10.4 B	26.5	28.2	7.22	20.9	4.97	31.8	4.26	8.87	13.4	26.3B	15
16	11.6B	9.73B	38.6	26.3	6.47	18.9	4.78	28.1	5.54	10.7	13.0	23.4	16
17	11.3B	9.11B	46.4	24.0	6.17	17.1	4.64	25.4	7.90	12.2	12.3	21.3	17
18	10.8B	8.64B	51.4	21.5	6.82	15.5	4.71	22.5	8.46	14.6	11.9	19.6	18
19	10.6B	8.23	63.9	19.4	6.59	13.9	4.78	22.8	9.16	15.6	11.6	18.8	19
20	15.7E	7.59B	65.4	17.3	6.28	12.7	4.70	24.1	9.46	15.5	10.8	20.0	20
21	18.6E	7.18B	71.6	15.6	6.16	12.6	4.54	23.5	9.35	14.8	11.6	19.3	21
22	21.8E	9.87	80.7	14.7	5.88	12.0	4.41	22.6	9.11	14.0	15.7	18.1B	22
23	25.0E	11.2	84.7	16.2	5.84	11.2	4.15	21.3	8.85	13.0	17.6	17.0	23
24	29.0E	12.4	78.6	16.6	5.86	10.4	3.82	20.3	11.1	12.1	21.9	15.6	24
25	27.9E	13.3	69.3	18.4	7.48	9.36	3.57	20.2	11.5	11.1	26.9	15.5	25
26	27.1E	13.6	58.6	20.7	7.88	8.47	3.26	19.0	12.0	10.1	28.6	18.3	26
27	26.1E	13.0	52.4	22.9	8.22	7.70	3.08	18.4	12.3	9.80	33.4	19.2	27
28	25.7E	12.1	47.3	24.5	8.52	7.38	15.5	18.2	11.9	9.72	35.3	19.9	28
29	25.2E		42.6	26.1	8.88	6.89	22.2	17.6	11.3	9.50	36.6	19.9	29
30	26.9E		38.7	24.8	8.73	6.51	26.3	16.7	11.2	9.02	37.3	19.3	30
31	29.7B		35.9		8.52		44.4	15.6		8.50		18.4B	31
TOTAL	627.2	435.16	1 077.20	677.3	322.37	388.11	258.70	979.1	268.40	340.63	475.87	842.8	TOTAL
MEAN	20.2	15.5	34.7	22.6	10.4	12.9	8.35	31.6	8.95	11.0	15.9	27.2	MEAN
MAX	29.7	31.3	84.7	32.5	23.1	23.3	44.4	57.0	14.2	15.6	37.3	42.1	MAX
MIN	10.6	7.18	7.61	14.7	5.84	6.51	3.08	15.6	4.26	8.03	7.01	15.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 84.7 ON MAR 23
MINIMUM DAILY, 3.08 ON JUL 27
MAXIMUM INSTANTANEOUS,
85.3 AT 04:30 AST ON MAR 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 18 N
LONG 65 22 12 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	54 200	JUL	22 400
FEB	37 600	AUG	84 600
MAR	93 100	SEP	23 200
APR	58 500	OCT	29 400
MAY	27 900	NOV	41 200
JUN	33 500	DEC	72 800

TOTAL DISCHARGE, 578 000 dam³

ROUND LAKE BROOK AT ROUND LAKE - STATION NO. 01EE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.622B	3.16	0.342B	5.10	2.18	0.683	0.467	9.13	1.12	0.871	0.640	2.85	1
2	0.718B	2.60	0.338B	4.74	1.94	0.683	0.453	7.77	1.01	0.845	0.630	2.37	2
3	0.914	2.23	0.335B	4.26	1.70	0.690	0.485	5.76	0.923	0.827	0.616	2.32	3
4	1.33	1.93	0.332B	3.65	1.45	0.634	0.504	5.22	0.850	0.857	0.602	3.50	4
5	1.73	1.62	0.330B	3.04	1.28	0.597	0.507	4.58	0.770	0.905	0.578	4.36	5
6	2.04	1.34 B	0.326B	2.51	1.14	0.587	0.513	3.73	0.699	0.935	0.573	4.03	6
7	2.13	1.19 B	0.324B	2.17	1.05	0.564	0.511	2.93	0.693	0.948	0.643	3.36	7
8	2.03	1.04 B	0.322B	2.01	0.961	0.640	0.513	7.42	0.657	0.930	0.676	2.64	8
9	1.86	0.915B	0.321B	2.11	0.879	0.916	0.497	2.33	0.611	0.932	0.729	2.32	9
10	1.62	0.820B	0.320B	3.38	0.812	0.993	0.468	2.27	0.581	0.914	0.856	2.34A	10
11	1.39	0.754B	0.320B	5.19	0.747	0.981	0.436	2.06	0.556	0.852	0.883	2.12E	11
12	1.24	0.675B	0.395B	5.69	0.707	0.952	0.394	1.82	0.540	0.803	0.937	1.99E	12
13	1.14	0.620B	0.425B	5.21	0.672	0.929	0.369	1.53	0.519	0.756	0.985	1.83E	13
14	1.07	0.575B	0.460B	4.57	0.617	0.967	0.374	1.29	0.484	0.767	0.988	1.72E	14
15	1.01	0.542B	0.620B	3.76	0.554	0.937	0.397	1.10	0.439	0.900	0.932	1.64E	15
16	0.942	0.510B	0.980B	3.03	0.503	0.888	0.409	1.01	0.456	0.961	0.924	1.58E	16
17	0.880	0.485B	1.77	[illegible]	0.501	0.946	0.389	1.06	0.572	0.999	0.908	1.53E	17
18	0.829	0.465B	2.17	[illegible]	0.527	0.932	0.372	1.04	0.645	1.02	0.883	1.48E	18
19	0.795	0.448B	2.53 A	1.91	0.509	0.892	0.415	1.12	0.674	0.989	0.865	1.42E	19
20	1.36	0.433B	5.21	1.66	0.494	0.830	0.412	1.29	0.690	0.945	0.859	1.42E	20
21	3.58	0.419B	7.29 A	1.45	0.472	0.791	0.406	1.36	0.680	0.912	0.865	1.42E	21
22	5.51	0.405B	9.50 E	1.30	0.443	0.733	0.397	1.25	0.657	0.901	1.23	1.34E	22
23	5.23	0.393B	7.58 E	1.35	0.494	0.689	0.375	1.12	0.634	0.855	1.56	1.28E	23
24	4.21	0.384B	5.78 A	1.67	0.602	0.649	0.340	1.09	0.673	0.811	1.94	1.22E	24
25	3.22	0.374B	4.67	2.00	0.701	0.619	0.316	1.20	0.748	0.762	2.61	1.18E	25
26	2.60	0.365B	3.76	2.39	0.788	0.582	0.287	1.20	0.805	0.718	2.98	1.38E	26
27	2.56	0.360B	4.11	2.78	0.802	0.524	0.288	1.18	0.816	0.720	3.78	1.63E	27
28	4.27	0.352B	5.35	2.88	0.799	0.499	1.23	1.34	0.773	0.727	4.37	2.38E	28
29	5.87		5.83	2.70	0.780	0.480	4.32	1.39	0.743	0.712	4.12	2.66E	29
30	5.23		5.52	2.44	0.751	0.479	5.42	1.34	0.805	0.708	3.50	2.43E	30
31	4.13		5.27		0.700		6.65	1.24		0.661		2.32E	31
TOTAL	71.960	25.404	82.830	89.67	26.555	22.296	28.904	73.17	20.823	26.443	42.682	66.06	TOTAL
MEAN	2.32	0.907	2.67	2.99	0.857	0.743	0.932	2.36	0.694	0.853	1.42	2.13	MEAN
MAX	5.87	3.16	9.50	5.69	2.18	0.993	6.65	9.13	1.12	1.02	4.37	4.36	MAX
MIN	0.622	0.352	0.320	1.30	0.443	0.479	0.287	1.01	0.439	0.661	0.573	1.18	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 9.50E ON MAR 22
MINIMUM DAILY, 0.287 ON JUL 26
MAXIMUM INSTANTANEOUS,
9.52 AT 10:11 AST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 29 38 N
LONG 64 58 25 W
DRAINAGE AREA, 56.5 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 220	JUL	2 500
FEB	2 190	AUG	6 320
MAR	7 150	SEP	1 800
APR	7 750	OCT	2 280
MAY	2 290	NOV	3 690
JUN	1 930	DEC	5 710

TOTAL DISCHARGE, 49 800 dam^3

REMARKS - THE E FOR DISCHARGES ABOVE 8.58 IS DUE TO CURVE EXTENSION

SACKVILLE RIVER AT BEDFORD - STATION NO. 01EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	7.92 B	0.825B	16.0	5.18	3.67	0.699	7.67	2.54	3.33	[illegible]	9.14	1
2	3.30B	6.80 B	0.810B	15.7	6.78	4.02	0.956	6.95	2.17	3.01	1.79	7.44	2
3	3.18B	5.40 B	0.800B	14.8	6.18	4.58	1.72	6.12	[illegible]	2.83	1.77	11.6	3
4	15.9	4.80 B	0.787B	12.9	5.34	3.75	1.29	5.81	1.69	3.05	1.64	16.5	4
5	11.5 B	4.10 B	0.775B	10.7	4.81	3.45	1.29	5.19	1.48	3.19	1.54	14.5	5
6	8.80B	3.55 B	0.770B	8.75	4.33	3.31	1.22	4.32	1.27	2.92	1.76	13.5	6
7	7.75B	3.15 B	0.755B	7.29	3.79	3.03	1.21	3.61	1.39	2.83	2.06	10.8	7
8	6.90B	2.60 B	0.745B	7.08	3.28	5.84	1.14	2.95	1.11	2.60	1.82	8.64B	8
9	6.20B	2.30 B	0.740B	12.6	2.85	5.30	1.05	3.30	0.982	2.37	2.39	7.52B	9
10	5.50B	1.95 B	0.735B	20.5	2.40	4.10	0.898	2.74	0.888	2.23	3.35	6.45B	10
11	4.40B	1.70 B	1.15 B	25.7	2.14	3.62	0.786	2.40	0.944	1.97	2.87	5.47	11
12	3.90B	1.50 B	2.12 B	26.3	2.07	3.23	0.687	2.10	0.920	1.82	3.08	4.69B	12
13	3.55B	1.36 B	1.80 B	20.5	1.86	3.02	0.600	1.83	0.810	1.67	3.18	4.05B	13
14	3.35B	1.30 B	1.65 B	15.6	1.66	3.80	1.03	1.62	0.726	2.36	2.93	3.64B	14
15	3.15B	1.24 B	2.00 B	12.2	1.50	3.01	1.09	1.34	0.660	4.52	2.65	3.32B	15
16	2.98B	1.19 B	2.80 B	9.83	1.31	2.58	0.879	1.23	2.19	3.43	2.77	2.90B	16
17	2.82B	1.15 B	4.10 B	8.35	1.62	2.40	0.870	1.84	3.67	3.64	2.59	2.44B	17
18	2.71B	1.12 B	6.67 B	7.07	1.74	2.05	0.926	1.44	3.11	4.82	2.40	2.10B	18
19	2.61B	1.07 B	12.3 B	6.08	1.52	1.78	0.858	4.94	7.98	4.16	2.17B	2.12B	19
20	8.40B	1.05 B	25.4 B	5.29	1.43	1.66	0.803	4.51	[illegible]	3.81	2.04B	3.25B	20
21	28.1	1.02 B	21.2 B	4.57	1.37	1.41	0.741	3.86	3.75	3.47	7.80B	2.35B	21
22	29.8	0.980B	18.8 B	4.09	1.29	1.19	0.656	3.84	3.16	3.44	13.5	2.01B	22
23	18.8	0.955B	16.9	5.44	3.53	1.06	0.611	3.53	2.72	3.12	10.8	1.86B	23
24	10.8 B	0.930B	13.9	6.03	8.65	1.18	0.522	3.54	3.38	2.79	17.6	1.67B	24
25	8.00B	0.910B	11.4	5.95	7.88	0.913	0.468	3.70	3.29	2.52	19.1	3.13B	25
26	7.20B	0.895B	11.0	7.26	9.11	0.779	0.407	3.08	3.22	2.30	16.5	11.2	26
27	8.20B	0.875B	14.0	7.84	8.91	0.638	0.889	3.37	3.12	2.28	20.6	7.11B	27
28	11.9	0.855B	15.1	7.24	7.75	0.807	6.98	3.77	2.92	2.46	16.9	6.67B	28
29	12.6		15.4	6.63	6.46	0.712	7.90	3.51	2.64	2.19	14.4	6.23B	29
30	11.8		14.9	5.88	5.43	0.750	6.71	3.17	3.68	2.10	11.5	5.79B	30
31	9.91B		15.7		4.60		7.67	2.84		1.91		5.31B	31
TOTAL	267.51	62.670	236.032	324.17	126.69	77.639	53.556	111.12	68.470	89.14	195.35	193.40	TOTAL
MEAN	8.63	2.24	7.61	10.8	4.09	2.58	1.73	3.58	2.28	2.88	6.51	6.24	MEAN
MAX	29.8	7.92	25.4	26.3	9.11	5.84	7.90	7.67	4.14	4.82	20.6	16.5	MAX
MIN	2.61	0.855	0.735	4.09	1.29	0.638	0.407	1.23	0.660	1.67	1.54	1.67	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.95
MAXIMUM DAILY, 29.8 ON JAN 22
MINIMUM DAILY, 0.407 ON JUL 26
MAXIMUM INSTANTANEOUS,
36.3 AT 13:30 AST ON JAN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 53 N
LONG 63 39 45 W
DRAINAGE AREA, 146 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 100	JUL	4 630
FEB	5 410	AUG	9 600
MAR	20 400	SEP	5 920
APR	28 000	OCT	7 700
MAY	10 900	NOV	16 900
JUN	6 700	DEC	16 700

TOTAL DISC. RGE, 168 000 dam^3

NOVA SCOTIA

SALMON RIVER AT SALMON RIVER BRIDGE - STATION NO. 01FJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.74	5.80 B	0.940B	49.8 B	5.99	2.01	6.40	1.18	1.56	4.71	1.82	7.70	1
2	9.88	4.85 B	0.920B	41.8 B	5.00	2.20	4.21	1.13	1.07	4.70	1.55	5.87	2
3	6.80B	4.35 B	0.900B	34.0 B	4.87	12.8	4.45	0.889	0.832	3.45	1.59	4.73	3
4	11.0 B	3.80 B	0.880B	24.5 B	4.68	13.1	6.14	0.721	0.643	2.51	1.70	23.6	4
5	17.4 B	3.50 B	0.865B	18.0 B	4.06	8.04	5.79	0.696	0.550	5.04	1.97	24.9	5
6	13.7 B	3.18 B	0.850B	13.8 B	3.52	5.84	4.32	0.597	0.488	6.73	2.14	13.2	6
7	9.40B	2.92 B	0.825B	11.5	3.00	4.00	3.15	0.518	0.457	4.84	3.11	8.03	7
8	6.60B	2.69 B	0.810B	9.23	2.71	3.88	2.19	0.472	0.438	2.85	3.66	5.97	8
9	5.00B	2.50 B	0.800B	10.6	2.55	20.9	1.79	0.450	0.418	2.89	3.59	4.37	9
10	4.35B	2.30 B	0.790B	99.7	2.48	18.9	1.57	0.437	0.383	2.61	10.3	3.98B	10
11	3.77B	2.10 B	0.780B	112	2.45	9.55	1.39	0.422	0.481	2.45	10.4	3.53B	11
12	3.45B	1.95 B	0.770B	45.8	2.44	6.07	1.24	0.396	10.6	2.03	6.86	3.30B	12
13	3.18B	1.83 B	0.760B	28.1	3.68	4.25	1.07	0.362	10.8	1.72	5.21	2.99B	13
14	12.0 B	1.74 B	0.750B	20.7	6.71	4.15	0.945	0.346	6.60	1.44	4.09	2.77B	14
15	64.1	1.63 B	0.740B	19.0	4.61	4.77	1.17	0.335	3.80	5.91	2.97	2.61B	15
16	30.0 B	1.54 B	1.20 B	41.6	3.07	3.66	1.89	0.320	3.21	8.71	3.19	2.49B	16
17	15.8 B	1.47 B	1.90 B	63.7	2.30	3.03	1.90	0.301	28.6	5.92	4.43	2.36B	17
18	11.0 B	1.38 B	3.50 B	37.4	1.88	2.91	1.67	0.275	24.7	9.02	5.00	2.22B	18
19	9.10B	1.32 B	6.20 B	20.4	1.62	2.44	1.41	0.700	10.8	10.4	5.03	2.10B	19
20	10.8 B	1.26 B	11.3 B	14.3	1.35	1.97	1.21	12.1	6.01	7.23	4.50	1.99B	20
21	66.4	1.19 B	8.80 B	12.2	1.23	1.63	1.12	12.3	3.83	4.94	5.62	1.90B	21
22	26.0 B	1.16 B	6.90 B	12.4	1.17	1.33	1.04	6.79	2.69	3.84	55.4	1.81B	22
23	11.0 B	1.14 B	5.80 B	13.4	1.12	1.21	0.880	3.57	1.83	3.79	44.9	1.76B	23
24	6.00B	1.11 B	5.25 B	16.5	1.72	1.15	0.710	2.14	2.22	3.68	20.3	1.70B	24
25	5.10B	1.07 B	4.85 B	16.9	11.4	1.22	0.443	3.39	3.54	3.24	40.0	1.66B	25
26	4.25B	1.03 B	4.40 B	14.0	13.0	1.27	0.401	4.98	5.84	2.70	29.2	11.4	26
27	6.05B	1.01 B	7.90 B	13.6	7.22	1.16	0.404	3.49	9.99	2.28	21.5	26.4	27
28	47.4	0.991B	16.0 B	11.5	4.67	1.17	0.664	2.85	8.64	2.57	25.6	15.5	28
29	64.6		42.5 B	9.19	3.48	2.59	1.26	3.79	5.30	2.86	15.3	8.54	29
30	13.2 B		28.5 B	7.43	2.67	5.07	1.36	3.54	3.75	2.61	10.4	4.95B	30
31	7.60B		34.0 B		2.26		1.19	2.40		2.06		3.90B	31
TOTAL	511.65	60.911	202.480	843.05	118.91	152.07	63.378	71.887	160.070	130.83	351.33	208.03	TOTAL
MEAN	16.5	2.18	6.53	28.1	3.84	5.07	2.04	2.32	5.34	4.22	11.7	6.71	MEAN
MAX	66.4	5.80	42.5	112	13.0	20.9	6.40	12.3	28.6	10.4	55.4	26.4	MAX
MIN	3.16	0.991	0.740	7.43	1.12	1.15	0.401	0.275	0.383	1.44	1.55	1.66	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.88
MAXIMUM DAILY, 112 ON APR 11
MINIMUM DAILY, 0.275 ON AUG 18
MAXIMUM INSTANTANEOUS,
157E AT 22.32 AST ON APR 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 03 N
LONG 60 18 10 W
DRAINAGE AREA, 199 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 200	JUL	5 480
FEB	5 280	AUG	6 210
MAR	17 500	SEP	13 800
APR	72 800	OCT	11 300
MAY	10 300	NOV	30 400
JUN	13 100	DEC	18 000

TOTAL DISCHARGE, 248 000 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 130 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

SALMON RIVER AT UNION - STATION NO. 01DH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.60B	5.20B	1.63B	38.2	6.07	1.33 E	1.82	8.89	1.84	7.55	3.45	9.83	1
2	5.50B	4.60B	1.62B	37.8	7.25	3.07 E	1.18	6.28	1.37	6.56	3.42	8.56	2
3	5.00B	4.00B	1.60B	33.9	9.29	7.13 E	1.67	4.80	1.35	5.07	4.00	11.7	3
4	14.3 B	3.60B	1.59B	20.7	6.69	5.44 E	1.73	6.05	1.21	4.76	3.60	33.4	4
5	11.2 B	3.25B	1.57B	15.4	5.21	3.68 E	1.66	4.99	1.10	6.08	3.35	17.1	5
6	10.0 B	3.00B	1.55B	11.5	4.78	2.80 E	1.26	3.38	0.977	5.26	3.16	10.0 B	6
7	8.50B	2.76B	1.54B	9.71	4.49	2.20 E	0.988	2.75	1.54	5.28	3.90	5.60B	7
8	7.60B	2.57B	1.53B	8.67	3.89	4.36 E	0.707	2.42	1.53	4.97	4.29	4.60B	8
9	6.60B	2.45B	1.51B	12.0	3.48	8.40 E	0.647	2.07	1.20	4.25	4.14	4.10B	9
10	6.00B	2.35B	1.51B	31.3	3.07	3.62 E	0.715	1.88	1.01	4.35	6.05	3.65B	10
11	5.20B	2.25B	1.50B	24.8	2.88	1.56 A	0.833	1.85	1.25	4.28	5.62	3.30B	11
12	4.75B	2.15B	2.62B	22.4	2.57	1.34	0.848	1.56	2.63	3.50	4.88	3.10B	12
13	4.40B	2.10B	3.60B	22.2	2.80	1.19	0.794	1.30	1.94	3.43	4.77	2.85B	13
14	4.08B	2.04B	4.75B	18.4	2.26	5.17	0.922	1.07	1.40	3.53	4.52	2.68B	14
15	3.85B	1.98B	9.80B	16.7	2.01	3.00	2.88	1.07	1.12	14.5	4.25B	2.56B	15
16	3.72B	1.96B	13.6 B	16.8	1.75	1.81	2.64	0.960	5.18	8.53	3.95B	2.46B	16
17	3.62B	1.92B	14.3 B	31.8	1.70	2.26	1.89	2.06	32.4	6.46	3.83	2.40B	17
18	3.55B	1.89B	11.5 B	21.3	2.10	2.14	1.32	1.93	11.2	8.80	3.63	2.33B	18
19	3.50B	1.85B	9.30B	15.0	1.99	1.40	1.33	1.62	6.37	8.21	3.01	2.28B	19
20	67.0 B	1.82B	45.5 B	12.0	1.76	1.17	1.30	2.78	4.51	6.51	4.58	2.23B	20
21	53.2	1.80B	38.3	10.7	1.52	0.946	1.08	2.41	3.43	5.48	6.71	2.18B	21
22	19.3	1.78B	27.2	11.7	1.56	0.776	0.851	1.68	2.75	5.86	17.8	2.16B	22
23	12.4	1.75B	20.6	14.8	1.78	0.783	0.623	1.53	2.80	5.52	10.5	2.03B	23
24	7.60B	1.72B	15.5	19.2	3.00	1.01	0.560	1.36	16.7	5.24	25.1	2.09B	24
25	6.80B	1.71B	12.0	15.7	2.42	0.829	0.515	2.98	13.1	5.08	40.5	2.08B	25
26	7.90B	1.70B	10.6	12.8	1.87	0.718	0.459	2.22	10.0	4.35	18.6	30.0 E	26
27	19.1 B	1.69B	26.3	10.6	1.45	0.653	0.790	1.89	8.02	3.98	31.1	20.0 E	27
28	60.5 B	1.68B	30.6	8.94	1.31	0.814	19.4	3.80	6.21	5.22A	22.4	9.90E	28
29	15.0 B		20.9	8.24	1.24	1.09	52.8	3.67	4.97	4.87	15.6	7.50B	29
30	8.00B		24.6	7.12	1.39	1.27	22.7	2.30	5.50	4.24	12.8	5.50B	30
31	6.30B		43.6		1.23A		12.3	1.84		3.89		4.70B	31
TOTAL	399.07	67.46	402.52	540.58	94.65	73.059	139.208	85.390	154.607	175.82	285.29	222.87	TOTAL
MEAN	12.9	2.41	13.0	18.0	3.05	2.44	4.49	2.75	5.15	5.67	9.51	7.19	MEAN
MAX	67.0	5.20	45.5	38.2	9.29	8.40	52.8	8.89	32.4	14.5	40.5	33.4	MAX
MIN	3.50	1.68	1.50	7.12	1.23	0.653	0.459	0.960	0.977	3.43	3.01	2.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.23
MAXIMUM DAILY, 67.0B ON JAN 20
MINIMUM DAILY, 0.459 ON JUL 26
MAXIMUM INSTANTANEOUS,
156E AT 17.15 AST ON JAN 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 54 N
LONG 63 07 23 W
DRAINAGE AREA, 287 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 500	JUL	12 000
FEB	5 830	AUG	7 380
MAR	34 800	SEP	13 400
APR	46 700	OCT	15 200
MAY	8 180	NOV	24 600
JUN	6 310	DEC	19 300

TOTAL DISCHARGE, 228 000 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 178 IS DUE TO CURVE EXTENSION

SHARPE BROOK AT LLOYDS - STATION NO 01DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.121B	0.259B	0.035B	1.29	0.171	0.248	0.043	0.754	0.040	0.179	0.079	0.250	1
2	0.129B	0.207B	0.035B	1.24	0.155	0.287	0.040	0.409	0.037	0.141	0.089	0.209	2
3	0.136	0.170B	0.034B	1.03	0.152	0.315	0.071	0.280	0.038	0.106	0.108	0.287	3
4	0.699	0.141B	0.034B	0.736	0.137	0.238	0.066	0.650	0.040	0.110	0.103	0.577	4
5	0.528	0.118B	0.033B	0.550	0.119	0.187	0.057	0.387	0.037	0.145	0.089	0.432	5
6	0.418	0.103B	0.033B	0.416	0.127	0.158	0.052	0.248	0.036	0.137	0.088	0.287	6
7	0.286	0.093B	0.033B	0.341	0.122	0.141	0.038	0.272	0.048	0.148	0.126	0.232	7
8	0.202	0.081B	0.032B	0.335	0.122	0.260	0.039	0.224	0.040	0.132	0.121	0.201B	8
9	0.150B	0.072B	0.032B	0.536	0.120	0.293	0.032	0.195	0.032	0.130	0.121	0.178B	9
10	0.128B	0.064B	0.032B	1.46	0.098	0.191	0.024	0.162	0.028	0.109	0.171	0.162B	10
11	0.116B	0.059B	0.084B	0.921	0.093	0.140	0.021	0.137	0.032	0.093	0.138	0.148B	11
12	0.107B	0.054B	0.344B	0.729	0.120	0.114	0.019	0.113	0.034	0.080	0.140	0.143B	12
13	0.102B	0.049B	0.198B	0.614	0.116	0.113	0.017	0.086	0.052	0.081	0.142	0.133B	13
14	0.097B	0.047	0.122B	0.488	0.101	0.176	0.018	0.068	0.041	0.097	0.125	0.126B	14
15	0.093B	0.046	0.565B	0.417	0.080	0.153	0.024	0.056	0.031	0.203	0.113	0.118B	15
16	0.091B	0.045B	0.400B	0.378	0.065A	0.118	0.025	0.085	0.202	0.155	0.110	0.112B	16
17	0.089B	0.043B	0.306B	0.362	0.062E	0.130	0.026	0.153	0.310	0.125	0.096	0.106B	17
18	0.087B	0.042B	0.291B	0.321	0.102E	0.109	0.018	0.124	0.171	0.168	0.089A	0.099B	18
19	0.086B	0.041B	0.286B	0.232	0.084E	0.072	0.016	0.115	0.098	0.177	0.086E	0.094B	19
20	0.950B	0.040B	1.80	0.196	0.070E	0.055	0.015	0.116	0.076	0.138	0.085E	0.090B	20
21	1.07 B	0.039	1.29	0.195	0.058E	0.048	0.014	0.090	0.070	0.114	0.084A	0.086B	21
22	0.640B	0.039B	0.880B	0.196	0.093A	0.041	0.009	0.077	0.050	0.119	0.490	0.081B	22
23	0.465B	0.038B	0.690B	0.234	0.565	0.039	0.007	0.062	0.046	0.127	0.304	0.078B	23
24	0.372B	0.038B	0.462B	0.385	1.04	0.039	0.006	0.070	0.184	0.122	0.391	0.076B	24
25	0.342B	0.037B	0.460B	0.349	0.999	0.034	0.007	0.122	0.195	0.103	0.598	0.074B	25
26	0.319B	0.037B	0.526	0.345	0.545	0.031	0.004	0.097	0.159	0.091	0.368	0.297B	26
27	0.309B	0.036B	1.34	0.345	0.376	0.026	0.007	0.083	0.119	0.095	0.565	0.238B	27
28	1.08 B	0.036B	1.22	0.279	0.321	0.029	0.514	0.121	0.088	0.107	0.454	0.188B	28
29	0.600B		0.987	0.243	0.329	0.066	0.548	0.103	0.076	0.111	0.349	0.134B	29
30	0.480B		1.20	0.212	0.264	0.064	0.274	0.074	0.152	0.107	0.290	0.111B	30
31	0.343B		1.63		0.251		1.12	0.050		0.080		0.103B	31
TOTAL	10.675	2.074	15.434	15.375	7.057	3.906	3.175	5.563	2.562	3.840	6.112	5.430	TOTAL
MEAN	0.344	0.074	0.498	0.513	0.228	0.130	0.102	0.179	0.085	0.124	0.204	0.175	MEAN
MAX	1.08	0.259	1.80	1.46	1.04	0.315	1.12	0.754	0.310	0.203	0.598	0.577	MAX
MIN	0.086	0.036	0.032	0.195	0.058	0.026	0.004	0.050	0.028	0.080	0.079	0.074	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.222
MAXIMUM DAILY, 1.80 ON MAR 20
MINIMUM DAILY, 0.004 ON JUL 26
MAXIMUM INSTANTANEOUS,
2.09 AT 19.40 AST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 64 38 14 W
DRAINAGE AREA, 8.81 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	922	JUL	274
FEB	179	AUG	481
MAR	1 330	SEP	221
APR	1 330	OCT	332
MAY	610	NOV	528
JUN	337	DEC	469

TOTAL DISCHARGE, 7 010 dam^3

SHUBENACADIE RIVER AT ENFIELD - STATION NO 01DG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.20B	28.7	7.00B	35.5	17.4	13.8	4.02	8.31	8.06	9.08	4.56	23.5	1
2	9.00B	27.0	6.80B	34.8	16.8	13.7	4.07	9.70	7.49	9.05	4.54	22.6	2
3	12.3 B	25.7	6.60B	34.1	16.7	13.9	4.17	10.2	6.66	9.33	4.18	22.9	3
4	22.4	23.7	6.50B	32.9	16.4	14.0	4.02	10.5	6.29	8.75	5.07	33.8	4
5	33.9	22.8	6.40B	31.2	16.1	13.7	3.81	10.3	5.53	9.13	4.36	31.4	5
6	27.0	21.4	6.30B	28.6	15.4	13.3	3.41	10.6	4.81	9.26	5.12	29.3	6
7	22.2	19.8	6.20B	27.6	14.9	13.0	3.31	10.5 A	4.57	8.87	5.56	27.7	7
8	20.4	18.5	6.10B	26.7	14.0	12.7	3.14	9.92	4.13	8.05	5.72	26.3	8
9	18.5 B	17.7	6.00B	27.8	13.5	12.6	3.01	9.35	3.60	8.04	5.14	24.4	9
10	17.2 B	16.7	6.00B	41.2	12.6	11.0	3.11	10.6	3.32	7.88	6.83	23.2	10
11	16.0 B	15.5	5.90B	49.5A	12.2	9.72	2.66	9.87	3.04	6.88	6.03	21.7	11
12	14.6 B	14.3	5.90B	42.4A	11.7	9.79	2.26	9.24	2.98	5.80	5.37	20.5	12
13	14.0 B	13.5	5.90B	40.6A	11.5	10.1	2.23	8.94	3.01	5.22	5.51	19.1	13
14	13.2 B	12.5 B	6.00B	37.6A	10.9	9.83	2.28	8.72A	2.69	5.33	5.33	18.5	14
15	12.5 B	11.8 B	7.70	34.9	10.9	9.91	2.59	8.46	2.31	7.50	5.28	17.0	15
16	12.0 B	11.0 B	9.25	33.1	10.4	9.81	2.95	8.10	3.34	8.28	5.33	15.3	16
17	11.6 B	10.6 B	10.9	31.6	10.1	9.90	2.85	7.60	9.52	7.98	5.32	14.5	17
18	11.2 B	10.3 B	11.6	29.3	9.85	9.51	2.92	7.51	6.83	7.79	5.30	13.9	18
19	11.0 B	9.90B	13.2	27.2	10.2	9.05	2.67	7.36	5.83	7.95	4.23	13.3	19
20	37.6	9.60B	28.8	25.5	10.2	8.51	2.63	8.44	6.24	7.61	3.74	13.1	20
21	67.0	9.20B	34.7	24.1	9.85	7.95	2.50	8.73	5.81	7.45	5.80	12.9	21
22	47.0	8.80B	31.2	22.6	9.73	7.76	2.33	8.60	5.70	7.59	15.6	12.7	22
23	36.4	8.60B	29.3	21.4	9.00	7.18	2.17	8.22	6.04	7.22	10.3	11.9	23
24	33.9	8.20B	28.2	21.1	11.2	6.75	1.98	7.66	6.98	6.79	13.8	11.7	24
25	32.7	8.00B	28.7	20.5	12.8	5.95	1.89	8.02	8.37	6.32	18.5	11.6	25
26	31.3	7.80B	28.3	19.9	13.6	5.82	1.75	8.11	8.71	5.58	18.4	18.3	26
27	31.8	7.60B	30.9	19.6	14.0	5.00	1.79	8.06	8.79	5.43	23.3	16.7	27
28	40.7	7.40B	36.0	18.9	14.5	4.85	3.65	8.45	8.62	5.43	24.7	15.8B	28
29	37.7		33.2	18.5	14.6	4.94	9.81	8.71	8.27	5.27	24.3	14.8B	29
30	31.8		32.5	17.9	14.5	4.85	8.33	8.29	8.71	5.02	24.4	14.1B	30
31	30.6		33.9		14.5		7.81	7.86		4.57		13.6B	31
TOTAL	764.70	406.60	516.95	877.3	400.03	288.66	106.13	274.63	176.26	224.46	281.52	586.1	TOTAL
MEAN	24.7	14.5	16.7	29.2	12.9	9.62	3.42	8.86	5.88	7.24	9.38	18.9	MEAN
MAX	67.0	28.7	36.0	49.5	17.4	14.0	9.81	10.6	9.52	9.33	24.7	33.8	MAX
MIN	7.20	7.40	5.90	17.9	9.00	4.85	1.75	7.36	2.31	4.57	3.74	11.6	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 67.0 ON JAN 21
MINIMUM DAILY, 1.75 ON JUL 26
MAXIMUM INSTANTANEOUS,
70.9 AT 08.33 AST ON JAN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 55 55 N
LONG 63 32 04 W
DRAINAGE AREA, 389 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	66 100	JUL	9 170
FEB	35 100	AUG	23 700
MAR	44 700	SEP	15 200
APR	75 800	OCT	19 400
MAY	34 600	NOV	24 300
JUN	24 900	DEC	50 600

TOTAL DISCHARGE, 424 000 dam^3

NOVA SCOTIA

SOUTH RIVER AT ST. ANDREWS - STATION NO. 01DR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.62	5.00 B	0.875B	28.3	3.42	0.932	2.15	0.655	0.442	4.43	1.85	5.56	1
2	4.15B	4.40 B	0.845B	25.4	3.05	1.15	1.61	0.564	0.409	3.87	1.65	4.71	2
3	3.89	3.95 B	0.825B	23.4	3.21	2.78	1.97	0.566	0.407	3.03	2.04	4.65	3
4	7.70B	3.50 B	0.805B	15.1	2.90	2.16	1.98	0.848	0.408	2.87	1.87	17.4	4
5	4.30B	3.10 B	0.780B	10.9	2.79	1.63	1.84	0.859	0.412	3.76	1.87	10.6	5
6	3.55B	2.80 B	0.770B	7.89	2.62	1.34	1.60	0.517	0.392	3.08	1.71	7.30	6
7	3.09B	2.53 B	0.760B	6.41	2.35	1.13	1.45	0.573	0.437	3.15	2.33	5.56	7
8	2.87B	2.26 B	0.750B	5.75	2.07	1.13	1.29	0.516	0.430	2.67	2.14	4.75	8
9	2.65B	2.07 B	0.740B	7.67	1.78	2.43	1.12	0.467	0.385	2.15	2.08	3.90B	9
10	2.33B	1.92 B	0.730B	23.7	1.57	1.71	1.02	0.487	0.370	2.16	4.07	3.50B	10
11	2.12B	1.80 B	0.720B	19.6	1.50	1.30	1.03	0.493	0.549	2.10	3.30	3.22B	11
12	1.97B	1.69 B	0.710B	14.7	1.48	1.13	0.968	0.453	0.879	2.10	2.82	3.01B	12
13	1.88B	1.60 B	2.18 B	14.9	1.69	0.981	0.915	0.439	0.586	1.80	2.54	2.82B	13
14	6.90B	1.51 B	1.35 B	12.0	1.57	3.97	0.850	0.478	0.419	1.64	2.25	2.68B	14
15	5.75B	1.43 B	1.03 B	9.65	1.32	2.66	1.61	0.447	0.369	3.43	2.42	2.49B	15
16	5.18B	1.36 B	0.960B	13.8	1.24	1.94	1.41	0.410	1.79	2.86	2.58	2.38B	16
17	4.76B	1.29 B	4.05 B	30.5	1.13	1.59	1.24	0.451	20.6	2.52	3.00	2.28B	17
18	4.28B	1.23 B	3.00 B	16.6	1.09	1.46	1.06	0.455	6.96	5.18	3.10	2.16B	18
19	3.85B	1.20 B	2.50 B	10.9	1.13	1.14	0.920	0.529	3.98	5.01	2.69	2.06B	19
20	20.5 B	1.16 B	27.8 B	8.36	1.10	0.985	0.864	0.927	3.02	3.77	2.51	1.97B	20
21	13.3 B	1.13 B	13.0 B	7.34	1.04	0.880	0.819	0.674	2.42	3.04	4.35	1.88B	21
22	9.90B	1.10 B	8.10 B	6.88	1.01	0.831	0.782	0.568	1.91	2.79	22.4	1.79B	22
23	7.60B	1.06 B	6.35 B	7.13	1.01	0.777	0.743	0.527	1.60	2.69	12.6	1.72B	23
24	5.40B	1.02 B	5.60 B	7.43	1.97	0.831	0.691	0.451	4.48	2.54	13.3	1.67B	24
25	4.45B	0.985B	5.00 B	6.85	2.28	1.39	0.611	0.571	7.74	2.36	21.3	1.64	25
26	4.20B	0.965B	4.45 B	6.24	1.61	1.11	0.614	0.654	9.52	2.18	11.6	14.3	26
27	9.30B	0.935B	25.2 B	5.58	1.31	0.917	0.630	0.565	6.49	1.94	14.0	9.90	27
28	24.0 B	0.905B	22.0 B	5.15	1.13	0.913	0.724	0.706	4.88	1.99	11.5	6.28	28
29	11.8 B		21.5	4.67	1.02	1.36	0.693	0.724	3.48	1.97	8.31	5.31	29
30	7.00B		20.5	4.10	0.934	2.57	0.827	0.601	3.36	1.94	6.88	3.35B	30
31	5.80B		32.1		0.929		0.706	0.506		1.89		2.90B	31
TOTAL	198.99	53.810	215.990	367.10	53.263	45.337	35.047	17.821	89.084	86.91	175.06	143.74	TOTAL
MEAN	6.42	1.93	6.97	12.2	1.72	1.51	1.13	0.575	2.97	2.80	5.84	4.64	MEAN
MAX	24.0	5.00	32.1	30.5	3.42	3.97	2.15	0.927	20.6	5.18	22.4	17.4	MAX
MIN	1.88	0.905	0.710	4.10	0.929	0.777	0.611	0.410	0.369	1.64	1.65	1.64	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.06
MAXIMUM DAILY, 32.1 ON MAR 31
MINIMUM DAILY, 0.369 ON SEP 15
MAXIMUM INSTANTANEOUS,
37.9 AT 04:45 AST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 35 N
LONG 61 54 15 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 200	JUL	3 030
FEB	4 660	AUG	1 540
MAR	18 700	SEP	7 700
APR	31 700	OCT	7 510
MAY	4 600	NOV	15 100
JUN	3 920	DEC	12 400

TOTAL DISCHARGE, 128 000 dam³

SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE - STATION NO 01FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.9	33.1	13.3B	18.5	23.7	9.11	5.30	4.35	3.59	5.26	5.90	16.8	1
2	12.5	31.9	12.9B	20.6	23.0	10.0	5.17	4.15	3.51	5.30	5.94	16.5	2
3	12.2	31.1	12.6B	21.3	22.2	10.7	5.11	4.07	3.35	5.25	5.97	16.6	3
4	16.8	29.6	12.3B	20.1	21.4	10.5	5.61	4.10	3.31	5.28	5.95	24.1	4
5	15.6	28.1B	12.0B	19.6	20.9	9.71	5.24	3.99	3.32	5.35	5.85	21.4	5
6	15.0	27.0B	11.7B	19.0	19.8	9.42	4.88	3.86	3.31	5.56	5.72	20.2	6
7	14.7	26.1B	11.5B	18.7	18.9	9.05	4.73	3.74	3.31	5.86	5.70	19.7	7
8	14.1B	25.7	11.3B	18.6	18.4	10.2	4.65	3.72	3.29	6.11	5.74	19.1	8
9	13.8B	24.9	11.1B	19.3	17.7	12.1	4.57	3.85	3.23	6.13	5.74	18.1B	9
10	13.6B	24.1	10.9B	27.8	17.5	10.3	4.53	4.07	3.14	5.90	6.11	17.7B	10
11	13.4B	23.4	10.8B	26.1	16.7	10.0	4.48	4.02	3.57	5.91	6.06	17.2B	11
12	13.1B	22.5	10.7B	26.5	16.0	9.51	4.33	3.83	4.98	6.04	6.10	16.8B	12
13	12.8B	21.6	10.6B	26.8	16.0	9.32	4.27	3.77	4.27	5.95	6.09	16.4B	13
14	17.2	20.9	10.5B	26.4	15.8	9.33	4.24	3.65	3.98	5.94	5.84	16.1B	14
15	16.7	20.2	10.4B	26.6	15.3	9.09	4.16	3.59	3.92	6.57	5.91	15.8B	15
16	15.6B	19.6	11.3	29.7	14.8	8.63	4.14	3.50	3.92	6.47	5.95	15.5B	16
17	15.1B	18.8	10.9	29.9	14.4	9.04	4.06	3.47	6.03	6.30	6.01	15.2B	17
18	14.6B	18.2	10.8	28.7	14.0	8.65	4.05	3.36	4.99	6.36	6.00	14.9B	18
19	14.1B	17.8	11.0	27.7	13.4	8.02	3.83	3.74	4.77	6.52	6.02	14.6B	19
20	23.8	17.3	14.4	27.4	12.9	7.88	3.75	3.75	4.75	6.31	5.84	14.3B	20
21	26.9	16.8	13.1	27.4	12.6	7.23	3.87	3.54	4.60	6.24	5.82	14.4	21
22	23.6	16.5	12.6	27.8	12.2	7.12	3.72	3.44	4.53	6.35	10.0	13.9	22
23	22.5	15.9B	12.5	28.1	11.7	6.74	3.64	3.38	4.37	6.41	8.99	13.6	23
24	21.4	15.5B	12.3	29.0	11.8	6.47	3.56	3.39	4.46	6.34	15.4	13.3	24
25	20.2B	15.1B	12.0	28.4	13.0	6.72	3.55	3.79	4.82	6.34	19.7	13.1	25
26	20.6	14.7B	12.1	27.8	11.7	6.17	3.44	4.27	4.78	6.09	15.4	14.9	26
27	30.2	14.3B	13.4	26.9	11.1	5.86	3.44	4.05	5.03	6.05	18.8	14.1	27
28	62.3	13.9B	14.5	26.1	10.7	5.86	3.49	4.07	5.11	5.86	17.5	13.6	28
29	39.5		14.6	25.3	10.0	5.85	5.60	3.97	5.07	6.05	16.9	12.9B	29
30	35.9		14.9	24.5	9.68	5.60	4.20	3.84	5.04	6.08	17.0	12.5B	30
31	34.8		18.4		9.27		4.09	3.70		5.85		12.2B	31
TOTAL	626.5	604.6	381.4	750.6	476.65	254.18	133.80	118.03	126.15	186.13	253.75	495.7	TOTAL
MEAN	20.2	21.6	12.3	25.0	15.4	8.47	4.31	3.81	4.21	6.00	8.79	16.0	MEAN
MAX	62.3	33.1	18.4	29.9	23.7	12.1	5.61	4.35	6.03	6.57	19.7	24.1	MAX
MIN	12.2	13.9	10.4	18.5	9.27	5.60	3.44	3.36	3.14	5.25	5.64	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 62.3 ON JAN 28
MINIMUM DAILY, 3.14 ON SEP 10
MAXIMUM INSTANTANEOUS,
63.1E AT 13:55 AST ON JAN 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 24 N
LONG 61 08 12 W
DRAINAGE AREA, 357 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 000	JUL	11 500
FEB	52 200	AUG	10 200
MAR	33 000	SEP	10 900
APR	64 900	OCT	16 100
MAY	41 200	NOV	22 800
JUN	22 000	DEC	42 800

TOTAL DISCHARGE, 382 000 dam³

REMARKS - THE E FOR DISCHARGES ABOVE 60.0 IS DUE TO STAGE - DISCHARGE CURVE EXTENSION

ST. MARYS RIVER AT STILLWATER - STATION NO. 01EO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0E	61.5B	11.0E	225 A	37.7	7.59	25.0	14.7	12.6	33.7	13.8	80.1	1
2	42.5A	45.4B	10.9E	197 A	33.5	8.19	19.0	14.0	10.1	35.7	12.6	47.9	2
3	38.9	40.5B	10.8E	190	37.9	16.2	18.7	10.9	8.78	31.6	13.2	41.7	3
4	52.7	38.5B	10.7E	144	38.6	25.4	20.9	9.45	7.56	28.8	14.0	100	4
5	76.3	36.0A	10.6A	108	32.9	21.2	20.2	15.3	6.40	27.2	14.9	116	5
6	68.5B	32.5E	10.7B	81.0	28.8	16.8	18.3	15.1	5.42	30.0	13.4	82.1	6
7	55.0B	29.5E	10.6B	65.9	24.8	13.2	15.4	10.5	4.81	27.4	16.1	61.8	7
8	42.0E	27.8E	10.6B	57.5	21.1	12.3	12.1	8.25	4.67	25.3	17.9	46.5B	8
9	36.5E	25.5E	10.5B	64.4	19.0	27.2	9.98	6.86	4.03	22.6	18.8	33.0B	9
10	31.0E	23.5E	10.5B	175	16.7	31.3	8.77	6.39	3.92	19.7	23.7	27.5B	10
11	28.5E	22.0E	10.4B	209	14.1	22.3	7.83	6.51	3.91	19.2	27.8	33.5B	11
12	26.5E	20.5E	12.5A	144	12.9	15.9	6.80	5.95	5.29	18.1	24.8	31.0B	12
13	24.5E	19.2E	14.0B	132	13.5	12.0	6.10	5.30	8.81	16.2	21.9	29.5B	13
14	23.0E	17.7E	15.5B	110 A	13.6	14.2	5.54	4.16	6.19	15.0	19.2	24.0B	14
15	21.0E	16.6A	17.5B	98.4	12.6	21.4	7.78	3.69	6.26	25.2	14.7	23.0B	15
16	19.5E	14.7B	19.0B	87.3	11.3	18.8	12.0	3.29	8.36	34.9	17.7	21.7B	16
17	18.0E	14.5B	26.0A	142	10.1	15.4	11.9	3.36	70.9	29.9	17.8	17.0B	17
18	17.0E	14.4B	53.4	172 A	9.41	13.5	10.5	4.15	95.0	28.2	17.4	14.5B	18
19	16.2A	14.2A	52.7	143 E	9.39	11.5	8.68	5.98	61.8	31.9	17.2	15.5	19
20	84.3	12.8E	87.2	120 E	8.81	9.47	7.73	15.5	43.9	30.3	14.6	19.1	20
21	282	12.4E	151	100 E	7.95	8.36	7.29	17.0	33.5	25.5	20.8	20.6	21
22	216	12.1E	168	82.0E	6.70	6.78	6.51	12.5	26.2	22.4	107	17.8	22
23	126	11.8E	149	70.5A	7.11	5.65	5.79	9.20	20.6	21.1	112	14.7	23
24	78.5B	11.6E	128	71.3	10.6	5.43	4.79	8.00	29.6	19.9	80.9	14.0B	24
25	52.0B	11.5A	98.8	74.3	18.5	7.15	3.94	12.3	52.1	18.4	133	12.2B	25
26	42.0	11.4A	81.0	88.5	17.2	8.11	3.41	25.1	61.2	17.1	123	41.3	26
27	58.0	11.3E	103	62.9	13.3	7.26	2.98	20.3	54.0	15.2	107	90.7	27
28	221	11.1E	204	56.3	10.8	6.84	2.72	22.5	44.8	15.9	124	71.3	28
29	292		183	49.3	9.13	9.34	3.14	26.1	36.5	17.6	93.0	47.4	29
30	141		153	43.1	8.41	21.6	16.5	22.0	30.5	17.1	73.1	37.4	30
31	82.7B		182		7.85		15.3	16.6		15.3		32.2	31
TOTAL	2 358.1	620.3	2 013.9	3 341.7	524.26	420.37	325.53	360.94	769.71	734.0	1 325.3	1 245.0	TOTAL
MEAN	76.1	22.2	65.0	111	16.9	14.0	10.5	11.6	25.7	23.7	44.2	40.2	MEAN
MAX	292	61.5	204	225	38.6	31.3	25.0	26.1	95.0	35.7	133	116	MAX
MIN	16.2	11.1	10.4	43.1	6.70	5.43	2.72	3.29	3.91	15.0	12.6	12.2	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 292 ON JAN 29
MINIMUM DAILY, 2.72 ON JUL 28
MAXIMUM INSTANTANEOUS,
371 AT 23:35 AST ON JAN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 24 N
LONG 61 58 54 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	204 000	JUL	28 100
FEB	53 600	AUG	31 200
MAR	174 000	SEP	66 500
APR	289 000	OCT	63 400
MAY	45 300	NOV	115 000
JUN	36 300	DEC	108 000

TOTAL DISCHARGE, 1 210 000 dam³

TUSKET RIVER AT WILSON'S BRIDGE - STATION NO. 01EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.5	76.6	26.1	50.1	47.7	31.3	15.0	30.7	21.4	21.2	14.2	74.1	1
2	38.6	66.0	24.4	46.1	43.4	28.1	14.4	38.4	19.7	21.0	13.7	64.8	2
3	39.9	57.5	22.8	42.1	39.5	26.1	15.9	45.4	17.5	20.9	13.4	58.9	3
4	45.3	51.2	21.8	37.5	35.6	23.9	16.2	49.2	15.8	20.9	13.0	55.2	4
5	51.8	46.6	20.9	37.9	32.5	22.2	16.5	47.4	14.0	21.0	13.0	77.3	5
6	56.3	40.4	20.0	39.6	29.6	22.8	17.0	43.9	12.7	20.7	13.3	88.4	6
7	59.0	36.1	19.3B	37.3	26.9	24.4	16.9	39.3	11.7	20.3	14.5	90.6	7
8	54.5	31.8	18.6B	34.8	24.7	28.9	16.6	35.2	10.8	19.8	15.7	82.8	8
9	46.2B	28.2	18.1B	35.0	22.5	35.5	16.3	33.2	9.62	19.4	17.3	72.3	9
10	41.9B	25.6	17.3	36.9	20.6	41.6	15.7	33.2	9.07	18.9	19.9	64.6	10
11	37.5B	26.6	18.2	41.0	19.4	49.5	14.6	34.9	8.51	18.1	22.3	59.0	11
12	34.0B	28.9	21.3	47.9	17.9	54.3	13.5	36.5	8.11	17.2	25.8	55.0	12
13	31.8B	27.9	24.8	54.0	16.6	53.3	12.7	35.4	7.81	16.1	28.8	52.0	13
14	28.0B	25.9	30.7	56.9	15.6	48.7	12.5	31.5	7.36	15.8	30.4	49.8	14
15	25.9B	24.5	52.0	66.0	14.4	43.1	12.6	26.7	6.85	18.4	30.3	45.6	15
16	24.3B	23.3	84.0	53.0	13.4	38.0	12.3	23.1	7.50	20.8	29.6	42.0	16
17	23.3B	21.6	108	47.9	13.1	34.1	11.9	20.8	10.9	23.4	27.9	38.4	17
18	22.9B	20.7	123	42.8	13.5	32.3	11.9	18.6	13.2	26.9	32.7A	34.4	18
19	22.4B	19.9	121	38.7	13.7	31.4	11.7	18.2	16.3	28.7	33.5A	31.6	19
20	28.4	19.1	139	34.7	13.8	29.0	11.6	18.9	20.2	28.3	34.0E	30.5	20
21	44.5	18.4	177	31.3	14.2	26.9	11.1	19.0	22.4	27.0	35.2E	30.1	21
22	69.8	21.8	223	28.8	14.6	27.5	10.3	19.2	21.6	24.7	38.7E	29.4A	22
23	99.5	24.4	195	27.8	17.1	25.4	9.74	19.2	20.3	22.8	42.0E	28.1E	23
24	103	26.7	145	26.0	21.8	23.5	9.30	19.5	21.4	21.1	47.6E	27.0E	24
25	76.0B	28.9	109	29.7	28.5	21.7	8.79	21.3	21.6	19.5	51.8E	26.6A	25
26	68.1	30.6	85.4	34.5	42.1	19.8	8.29	22.4	22.0	18.2	58.9E	30.2A	26
27	59.3	30.0	69.9	42.5	49.4	19.2	7.69	23.8	22.5	17.3	67.1A	34.1A	27
28	58.1	27.8	60.7	49.0	48.7	17.4	11.8	25.4	22.3	16.4	76.7	40.1A	28
29	65.5		57.0	52.6	45.0	16.8	15.9	26.3	21.9	15.7	81.9	44.6A	29
30	77.2		55.2	51.2	40.0	15.9	16.0	25.6	21.7	15.2	81.5	45.2A	30
31	83.8		53.5		35.5		21.2	23.7		14.7		43.5A	31
TOTAL	1 555.6	905.0	2 182.2	1 245.6	832.3	913.6	415.91	905.9	467.33	630.4	1 025.5	1 556.2	TOTAL
MEAN	50.2	32.4	69.7	41.5	26.8	30.5	13.4	29.2	15.6	20.3	34.2	50.2	MEAN
MAX	103	76.6	223	66.9	49.4	54.3	21.2	49.2	22.5	28.7	81.9	90.6	MAX
MIN	22.4	18.4	17.3	27.8	13.1	15.9	7.69	18.2	6.85	14.7	13.0	26.6	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.6
MAXIMUM DAILY, 223 ON MAR 22
MINIMUM DAILY, 6.85 ON SEP 15
MAXIMUM INSTANTANEOUS,
228 AT 15:55 AST ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 24 N
LONG 65 52 12 W
DRAINAGE AREA, 1 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	134 000	JUL	35 900
FEB	78 300	AUG	78 300
MAR	187 000	SEP	40 400
APR	108 000	OCT	54 500
MAY	71 900	NOV	88 600
JUN	78 900	DEC	134 000

TOTAL DISCHARGE, 1 090 000 dam³

WALLACE RIVER AT WENTWORTH CENTRE - STATION NO. 01DN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.50B	7.80B	2.55B	52.5	9.81	2.55	1.84	11.3	2.06	3.90	2.93	10.1	1
2	5.10B	6.80B	2.46B	52.6	9.22	3.15	1.73	6.87	1.94	3.81	3.07	8.18	2
3	4.30B	6.50B	2.36B	49.3	8.88	3.90	2.03	4.85	2.30	3.20	3.58	14.5	3
4	5.20B	6.10B	2.29B	30.1	7.57	3.46	2.38	4.67	1.91	3.05	3.19	54.5	4
5	9.50B	5.70B	2.23B	22.5	6.81	2.94	2.08	3.87	1.73	3.58	2.90	23.2	5
6	7.70B	5.40B	2.19B	18.3	6.61	2.72	1.84	2.99	1.57	3.34	2.74	14.8	6
7	6.70B	5.20B	2.12B	13.7	6.17	2.32	1.67	2.65	1.84	3.69	2.95	11.1	7
8	6.00B	5.00B	2.08B	12.7	5.75	5.88	1.53	2.34	1.63	3.28	3.10	9.26	8
9	5.20B	4.80B	2.03B	17.2	5.22	9.10	1.43	3.15	1.49	2.98	3.42	8.10B	9
10	4.80B	4.85B	1.90B	47.5	4.85	5.14	1.30	3.36	1.48	2.90	5.98	8.80B	10
11	3.95B	4.47B	1.78B	37.8	4.39	3.91	1.24	2.85	1.52	2.76	4.60	8.70B	11
12	3.64B	4.30B	2.40B	36.8	4.12	3.51	1.36	2.24	2.74	2.67	4.07	8.20B	12
13	3.35B	4.15B	3.75B	33.0	3.98	3.07	1.32	1.90	1.86	2.59	4.06	7.70B	13
14	3.09B	4.00B	3.06B	25.6	3.77	4.07	1.25	1.73	1.57	2.62	3.52	7.20B	14
15	2.83B	3.85B	5.00B	22.9	3.81	3.44	1.80	1.49	1.39	4.85	3.85	6.70B	15
16	2.75B	3.72B	7.30B	27.4	3.32	2.83	1.98	1.40	1.52	3.90	3.41	6.30B	16
17	2.63B	3.60B	8.50B	85.6	3.11	2.87	1.52	2.45	4.02	3.27	3.38	6.00B	17
18	2.60B	3.51B	6.00B	39.4	3.09	2.59	1.27	2.32	2.72	4.78	3.42	5.75B	18
19	2.52B	3.39B	15.5 B	25.1	2.85	2.35	1.20	1.96	1.89	5.23	3.06	5.50B	19
20	6.70B	3.30B	71.0 B	19.4	2.70	2.11	1.17	2.43	1.82	4.39	3.41	5.25B	20
21	49.0 B	3.20B	49.1	16.7	2.61	1.99	1.11	2.10	1.70	4.03	8.81	5.00B	21
22	24.0 B	3.10B	36.8	18.1	2.59	1.84	1.04	1.72	1.61	4.00	21.6	4.80B	22
23	15.9 B	3.00B	27.7	22.2	2.48	1.79	1.05	1.93	1.62	3.86	11.1	4.60B	23
24	13.5 B	2.93B	21.3	31.3	5.25	1.86	1.07	1.83	6.10	3.67	17.5	4.40B	24
25	14.6 B	2.85B	17.2	22.1	5.29	2.34	0.993	3.23	5.12	3.80	27.8	4.20B	25
26	16.0 B	2.75B	17.4	18.4	3.78	2.08	1.02	2.41	5.01	3.61	14.9	18.3 B	26
27	22.5 B	2.68B	42.2	16.3	3.14	1.91	2.37	1.92	4.42	3.32	30.0	11.8 B	27
28	56.0 B	2.60B	35.0 A	14.3	2.81	1.91	7.84	4.12	3.86	3.88	21.7	10.2	28
29	22.3		31.2 E	12.2	2.74	1.86	21.7	3.33	3.23	3.54	15.1	7.30B	29
30	12.8		27.3 A	10.9	2.70	1.85	9.19	2.58	3.33	3.35	12.7	5.80B	30
31	8.40B		57.2		2.53		9.35	2.23		3.10		5.08B	31
TOTAL	347.86	119.15	507.69	849.7	141.65	91.54	88.723	93.36	74.31	110.63	248.82	310.32	TOTAL
MEAN	11.2	4.26	16.4	28.3	4.57	3.05	2.86	3.01	2.48	3.58	8.29	10.0	MEAN
MAX	56.0	7.80	71.0	85.6	9.81	9.10	21.7	11.3	6.10	5.23	30.0	54.5	MAX
MIN	2.52	2.60	1.78	10.9	2.48	1.79	0.993	1.40	1.39	2.59	2.74	4.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 85.6 ON APR 17
MINIMUM DAILY, 0.993 ON JUL 25
MAXIMUM INSTANTANEOUS,
107 AT 10:05 AST ON APR 17

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 42 N
LONG 63 33 35 W
DRAINAGE AREA, 288 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 100	JUL	7 670
FEB	10 300	AUG	8 070
MAR	43 900	SEP	6 420
APR	73 400	OCT	9 580
MAY	12 200	NOV	21 500
JUN	7 910	DEC	26 800

TOTAL DISCHARGE, 258 000 dam³

WESTFIELD RIVER NEAR NORTH BROOKFIELD - STATION NO. 01EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.27B	7.80B	0.990B	11.8	5.98	1.80	1.31	18.3	3.08	2.17	1.72	8.41	1
2	1.43B	6.20B	0.970B	11.0	5.63	1.78	1.27	18.0	2.83	2.13	1.63	7.31	2
3	1.67B	5.22B	0.950B	10.2	4.98	1.74	1.34	15.8	2.62	2.14	1.84	6.87	3
4	3.42B	4.38B	0.930B	9.24	4.51	1.62	1.31	15.5	2.37	2.17	1.74	8.76	4
5	4.60B	3.80B	0.908B	8.22	4.06	1.57	1.27	14.2	2.14	2.31	1.66	10.2	5
6	4.95B	3.39B	0.886B	7.13	3.68	1.66	1.27	12.2	1.93	2.33	1.65	10.4	6
7	5.35B	3.10B	0.882B	6.29	3.33	1.65	1.23	9.95	1.88	2.40	1.74	9.58	7
8	4.90B	2.83B	0.870B	5.97	2.89	1.96	1.18	8.59	1.79	2.38	1.75	8.62	8
9	4.42B	2.62B	0.860B	5.10	2.74	2.86	1.14	8.61	1.85	2.42	1.89	7.48B	9
10	4.00B	2.41B	0.850B	8.09	2.47	3.27	1.06	7.75	1.55	2.40	2.25	6.78	10
11	3.68B	2.22B	0.840B	10.8	2.26	3.61	0.995	5.55	1.39	2.19	2.36	6.36	11
12	3.34B	2.07B	0.998B	11.8	2.16	3.63	0.937	5.73	1.31	2.05	2.54	6.07	12
13	3.08B	1.94B	1.22 B	12.1	1.95	3.46	0.910	5.06	1.33	1.86	2.70	5.57B	13
14	2.83B	1.81B	1.59 B	11.2	1.79	3.44	0.938	4.32	1.25	1.95	2.79	5.04B	14
15	2.63B	1.70B	2.10 B	10.1	1.66	3.30	1.01	3.65	1.12	2.45	2.72	4.86	15
16	2.43B	1.62B	2.63 B	8.80	1.57	3.05	0.998	3.31	1.21	2.53	2.62	4.31	16
17	2.25B	1.53B	2.71 B	7.57	1.46	3.04	0.952	3.43	1.41	2.64	2.63	3.88	17
18	2.10B	1.47B	2.78 B	6.57	1.50	2.95	0.942	3.24	1.42	2.61	2.57	3.58	18
19	1.95B	1.41B	3.56 B	5.78	1.52	2.78	0.878	3.60	1.46	2.81	2.56	3.34	19
20	1.85B	1.36B	7.95 B	4.98	1.50	2.55	0.895	3.91	1.52	2.63	2.80	3.36	20
21	8.70B	1.27B	16.9	4.36	1.40	2.47	0.845	3.92	1.49	2.49	2.63	3.32	21
22	11.2	1.26B	18.0	3.92	1.33	2.28	0.920	3.78	1.44	2.43	3.41	3.18	22
23	11.9	1.22B	16.6	4.03	1.38	2.07	0.874	3.51	1.42	2.34	4.11	2.99	23
24	10.6	1.17B	14.8	4.33	1.57	2.05	0.870	3.31	1.62	2.33	4.97	2.84	24
25	9.36	1.14B	12.8	4.88	1.67	1.97	0.866	3.44	1.73	2.15	6.18	2.74	25
26	8.06	1.10B	11.0	5.74	1.88	1.81	0.823	3.41	1.65	2.04	5.90	3.73	26
27	7.74	1.07B	10.7	8.57	1.75	1.67	0.781	3.32	1.91	1.97	6.33	4.70	27
28	9.13	1.04B	12.3	7.13	1.79	1.55	2.39	3.43	1.88	1.98	8.48	5.25	28
29	10.9		13.0	6.84	1.80	1.49	8.95	3.56	1.83	1.89	9.90	5.20	29
30	11.3		12.9	6.62	1.84	1.43	12.1	3.48	2.01	1.97	9.47	4.98	30
31	10.6		12.4		1.86		14.8	3.32		1.87		4.80	31
TOTAL	171.84	68.15	187.084	228.40	75.91	70.51	66.385	210.28	52.45	70.44	109.30	174.26	TOTAL
MEAN	5.54	2.43	6.03	7.61	2.45	2.35	2.14	6.78	1.75	2.27	3.64	5.62	MEAN
MAX	11.9	7.80	18.0	12.1	5.98	3.63	14.8	18.3	3.08	2.81	9.90	10.4	MAX
MIN	1.27	1.04	0.840	3.92	1.33	1.43	0.781	3.24	1.12	1.87	1.63	2.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.07
MAXIMUM DAILY, 18.3 ON AUG 1
MINIMUM DAILY, 0.781 ON JUL 27
MAXIMUM INSTANTANEOUS,
18.8 AT 18:40 AST ON AUG 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 24 22 N
LONG 64 59 17 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 800	JUL	5 740
FEB	5 890	AUG	18 200
MAR	16 200	SEP	4 530
APR	19 700	OCT	6 090
MAY	6 560	NOV	9 440
JUN	6 090	DEC	15 100

TOTAL DISCHARGE, 128 000 dam³

NOVA SCOTIA

WHITEBURN BROOK BELOW POLLOCK LAKE - STATION NO. 01EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.200B	0.360E	0.046B	0.505E	0.333	0.178E	0.015	0.785	0.151	0.232	0.093	0.382	1
2	0.230B	0.240E	0.045B	0.450E	0.333	0.224E	0.012E	0.498E	0.122	0.177	0.093	0.301	2
3	0.360B	0.200B	0.044B	0.380E	0.291E	0.171E	0.074	0.340	0.103	0.164	0.116	0.363	3
4	0.540B	0.175B	0.043B	0.340E	0.271E	0.134E	0.099E	1.14 E	0.084	0.174	0.100	0.993	4
5	0.740B	0.152B	0.042B	0.300E	0.242E	0.106E	0.054	0.531	0.067	0.213	0.084	0.736	5
6	0.580B	0.137B	0.041B	0.275E	0.218E	0.218E	0.048	0.333	0.067	0.187	0.232	0.648	6
7	0.440B	0.123B	0.040B	0.250E	0.203	0.197E	0.034	0.306E	0.090	0.164	0.210	0.449	7
8	0.350B	0.112B	0.039B	0.236	0.203	0.289E	0.028	0.280E	0.067	0.135	0.171	0.505	8
9	0.305B	0.103B	0.038B	0.861	0.203	0.399	0.008	0.881	0.038	0.119	0.193	0.871	9
10	0.255B	0.097B	0.037B	0.641	0.138	0.236	0.010	0.610E	0.025	0.122	0.242	1.21	10
11	0.223B	0.092B	0.036B	0.795	0.125	0.190	0.009	0.432	0.025	0.103	0.210	0.468	11
12	0.200B	0.087B	0.051E	0.828	0.125	0.171	0.008E	0.313	0.025	0.080	0.236	0.429	12
13	0.177B	0.083B	0.092E	0.670	0.125	0.171	0.008E	0.249	0.044	0.074	0.213	0.835	13
14	0.157B	0.078B	0.150E	0.531	0.119E	0.171	0.074	0.203	0.015	0.161	0.174	0.795	14
15	0.142B	0.074B	0.270E	0.399	0.113E	0.138	0.025	0.177	0.004	0.366	0.167	0.326	15
16	0.131B	0.070B	0.330E	0.389	0.109E	0.138	0.017E	0.151E	0.386	0.252	0.164	0.275	16
17	0.121B	0.067B	0.250E	0.268	0.108E	0.132	0.007	0.319E	0.229	0.219	0.148	0.506	17
18	0.111B	0.064B	0.195E	0.236	0.107E	0.100	0.006	0.192E	0.171	0.236	0.135	0.729	18
19	0.105B	0.062B	2.90 E	0.203	0.099E	0.074	0.006	0.310E	0.138	0.210	0.141	0.307	19
20	0.450B	0.060B	2.30 E	0.197	0.094E	0.074	0.006	0.457E	0.096	0.174	0.148	0.336	20
21	0.708	0.058B	1.60 E	0.197	0.088E	0.074	0.006	0.288E	0.080	0.158	0.307	0.284	21
22	0.685E	0.056B	1.15 E	0.209E	0.103E	0.041	0.004	0.198E	0.080	0.161	0.587	0.661	22
23	0.666	0.054B	0.940E	0.221E	0.153E	0.041	0.002	0.128E	0.087	0.145	0.415	0.236	23
24	0.460E	0.052B	0.760E	0.370E	0.203	0.034	0.002E	0.100E	0.268	0.122	0.762	0.232	24
25	0.330E	0.050B	0.590E	0.597	0.171	0.034	0.002	0.321E	0.297	0.106	0.666	0.226	25
26	0.290E	0.049B	0.520E	0.495E	0.112	0.008	0.013E	0.158E	0.229	0.177	0.524	0.640	26
27	0.708	0.048B	0.600E	0.597	0.091E	0.008	0.067	0.121E	0.171	0.187	0.971	0.458	27
28	0.850E	0.047B	0.940E	0.597	0.074	0.008	1.27	0.262	0.132	0.132	0.699	0.373	28
29	0.990E		0.860E	0.432	0.074	0.034	0.392	0.268	0.112	0.119	0.587	0.301	29
30	0.705E		0.720E	0.300	0.119E	0.021	0.840E	0.213	0.288	0.119	0.458	0.278	30
31	0.502		0.590E		0.142E		1.37	0.171		0.109		0.284	31
TOTAL	12.711	2.850	16.259	12.979	4.889	3.814	4.516	10.723	3.691	5.087	9.246	15.236	TOTAL
MEAN	0.410	0.102	0.524	0.433	0.158	0.127	0.146	0.346	0.123	0.163	0.308	0.491	MEAN
MAX	0.990	0.360	2.90	0.861	0.333	0.399	1.37	1.14	0.386	0.366	0.971	1.21	MAX
MIN	0.105	0.047	0.036	0.197	0.074	0.008	0.002	0.100	0.004	0.074	0.084	0.226	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.279
MAXIMUM DAILY, 2.90E ON MAR 19
MINIMUM DAILY, 0.002 ON JUL 23

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 21 10 N
LONG 65 05 27 W
DRAINAGE AREA, 9.49 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 100	JUL	390
FEB	246	AUG	926
MAR	1 400	SEP	319
APR	1 120	OCT	438
MAY	422	NOV	799
JUN	330	DEC	1 320

TOTAL DISCHARGE, 8 810 dam³

BRUDENELL RIVER AT BRUDENELL - STATION NO. 01CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.827	0.587	0.456	2.75	1.17	0.585	0.444	0.514	0.342	0.419	0.306	0.443A	1
2	0.825	0.603	0.453	2.54	1.21	0.667	0.419	0.420	0.342	0.380	0.313	0.406A	2
3	0.484	0.559	0.466	2.02	1.18	0.669	0.432	0.393	0.349	0.359	0.318	0.429A	3
4	0.523	0.559	0.464	1.48	1.11	0.588	0.430	0.408	0.337	0.356	0.319	0.770A	4
5	0.510	0.559	0.460	1.34	1.07	0.551	0.427	0.392	0.331	0.347	0.308A	0.567	5
6	0.493	0.535	0.456	1.22	1.04	0.539	0.411	0.375	0.331	0.354	0.308A	0.491	6
7	0.480	0.542	0.494	1.23	0.998	0.508	0.364	0.362	0.389	0.342	0.308E	0.464	7
8	0.460	0.531	0.466	1.32	0.978	0.851	0.382	0.357	0.373	0.346	0.306E	0.422	8
9	0.452	0.512	0.460	1.21	0.954	1.18	0.383	0.369	0.351	0.347	0.304E	0.434	9
10	0.448	0.513	0.465	2.02	0.913	0.664	0.382	0.373	0.349	0.362	0.302E	0.463	10
11	0.437	0.498	0.501	3.60A	0.880	0.600	0.394	0.375	0.393	0.358	0.300E	0.452	11
12	0.464	0.499	0.516	3.13A	0.868	0.561	0.377	0.370	0.487	0.340	0.298E	0.449	12
13	0.434	0.504	0.510	1.22	0.851	0.535	0.355	0.350	0.406	0.325	0.296A	0.458	13
14	0.482	0.486	0.454	1.22	0.820	0.534	0.364	0.345	0.362	0.336	0.310E	0.428	14
15	0.451	0.491	0.534	1.24	0.798	0.529	0.402	0.329	0.340	0.412	0.298E	0.432	15
16	0.436	0.472	0.564	1.57	0.780	0.516	0.399	0.342	0.337	0.360	0.305E	0.430	16
17	0.416	0.467	0.518	2.66	0.767	0.527	0.376	0.409	0.394	0.350	0.300E	0.404	17
18	0.421	0.464	0.480	1.61	0.761	0.500	0.368	0.384	0.359	0.353	0.296E	0.413	18
19	0.458	0.464	0.523	1.40	0.746	0.474	0.368	0.408	0.347	0.353	0.294E	0.403	19
20	3.48	0.429	1.90	1.38	0.711	0.468	0.379	0.409	0.340	0.351	0.310E	0.410	20
21	3.71	0.421	1.85	1.38	0.717	0.453	0.364	0.380	0.336	0.329	0.360E	0.409	21
22	0.976	0.499	1.34	1.46	0.689	0.445	0.354	0.382	0.333	0.340	0.680E	0.394	22
23	0.711	0.511	0.947	1.50	0.670	0.469	0.344	0.423	0.345	0.344	0.550E	0.397	23
24	0.582	0.469	0.775	1.56	0.785	0.462	0.337	0.385	0.391	0.348	0.600E	0.389	24
25	0.510	0.476	0.707	1.46	0.744	0.464	0.338	0.484	0.495	0.349	0.750E	0.390	25
26	0.480	0.491	0.848	1.42	0.669	0.460	0.344	0.534	0.593	0.340	0.689A	0.637	26
27	2.01	0.474	5.05	1.35	0.643	0.446	0.378	0.453	0.541	0.328	0.570E	0.505	27
28	1.85	0.459	3.28	1.32	0.626	0.452	0.398	0.438	0.430	0.321	0.800E	0.449	28
29	0.804		1.64	1.26	0.614	0.482	0.816	0.408	0.384	0.323	0.560E	0.414	29
30	0.678		2.48	1.21	0.613	0.484	0.711	0.378	0.375	0.311	0.470E	0.415	30
31	0.605		5.08		0.601		0.620	0.356		0.320		0.410	31
TOTAL	25.437	14.074	35.255	50.08	25.975	16.643	12.760	12.315	11.482	10.813	12.008	13.977	TOTAL
MEAN	0.821	0.503	1.14	1.67	0.838	0.555	0.412	0.397	0.383	0.349	0.400	0.451	MEAN
MAX	3.71	0.603	5.08	3.60	1.21	1.18	0.816	0.534	0.593	0.419	0.800	0.770	MAX
MIN	0.416	0.421	0.454	1.21	0.601	0.445	0.337	0.329	0.331	0.311	0.284	0.389	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.660
MAXIMUM DAILY, 5.08 ON MAR 31
MINIMUM DAILY, 0.284E ON NOV 19
MAXIMUM INSTANTANEOUS,
7.82 AT 21:28 AST ON JAN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 07 N
LONG 62 39 23 W
DRAINAGE AREA, 33.1 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 200	JUL	1 100
FEB	1 220	AUG	1 060
MAR	3 050	SEP	992
APR	4 330	OCT	934
MAY	2 240	NOV	1 040
JUN	1 440	DEC	1 210

TOTAL DISCHARGE, 20 800 dam³

CARRUTHERS BROOK NEAR ST. ANTHONY - STATION NO. 01CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.180B	0.790B	0.279B	2.50B	1.23	0.617	0.239	0.417	0.165	0.334	0.280	1.19	1
2	0.172B	0.700B	0.263B	2.15B	1.12	1.06	0.219	0.297	0.158	0.317	0.288	1.03 B	2
3	0.168B	0.645B	0.250B	1.95B	0.991	1.15	0.205	0.229	0.154	0.280	0.320	0.970B	3
4	0.158B	0.600B	0.240B	1.80E	0.893	0.876	0.199	0.354	0.149	0.377	0.410	2.99	4
5	0.212B	0.570B	0.229B	1.68E	0.818	0.726	0.268	0.297	0.145	0.601	0.365	1.95	5
6	0.400B	0.540B	0.218B	1.54E	0.806	0.635	0.273	0.210	0.147	0.454	0.331	1.35	6
7	0.379B	0.515B	0.252B	1.43E	0.766	0.528	0.222	0.164	0.150	0.527	0.310	1.17	7
8	0.350B	0.495B	0.273B	1.28E	0.724	0.550	0.205	0.162	0.146	0.452	0.321	1.02 B	8
9	0.320B	0.470B	0.236B	3.40A	0.709	0.635	0.187	0.288	0.143	0.389	0.332	0.920B	9
10	0.302B	0.455B	0.210B	8.46	0.721	0.640	0.192	0.328	0.151	0.352	0.361	0.850B	10
11	0.284B	0.435B	0.240B	5.59	0.858	0.510	0.189	0.244	0.236	0.325	0.324	0.775B	11
12	0.269B	0.420B	0.212B	5.86	0.685	0.449	0.179	0.218	1.49	0.305	0.319	0.700B	12
13	0.252B	0.410B	0.193B	6.05	0.729	0.412	0.175	0.191	1.08	0.295	0.329	0.640B	13
14	0.243B	0.397B	0.190B	4.79	0.603	0.386	0.172	0.184	0.649	0.281	0.325B	0.600B	14
15	0.234B	0.384B	0.185B	4.11	0.620	0.362	0.202	0.159	0.415	0.274	0.318	0.558B	15
16	0.227B	0.379B	0.182B	3.64	0.684	0.339	0.220	0.152	0.330	0.267	0.302	0.525B	16
17	0.224B	0.371B	0.180B	6.65	0.652	0.317	0.190	0.164	0.277	0.254	0.317	0.505B	17
18	0.220B	0.365B	0.177B	4.34	0.644	0.301	0.179	0.162	0.239	0.249	0.323	0.490B	18
19	0.219B	0.357B	0.400B	2.88	0.652	0.293	0.171	0.155	0.216	0.242	0.318	0.465B	19
20	0.420B	0.351B	0.730B	2.38	0.681	0.274	0.162	0.174	0.209	0.236	0.339	0.445B	20
21	2.70 B	0.380B	1.89 B	2.22	0.678	0.250	0.158	0.173	0.200	0.229	0.530	0.425B	21
22	1.06 B	0.420B	1.25 B	2.77	0.942	0.248	0.169	0.157	0.190	0.221	1.85 B	0.410B	22
23	0.970B	0.378B	0.900B	3.68	1.41	0.237	0.155	0.151	0.180	0.216	2.32	0.395B	23
24	0.890B	0.348B	0.720B	7.25	2.18	0.236	0.144	0.230	0.252	0.310	1.75	0.380B	24
25	0.830B	0.330B	0.600B	3.56	5.04	0.248	0.154	0.825	0.418	0.373	2.32	0.370B	25
26	0.780B	0.317B	1.10 B	2.84	2.49	0.221	0.185	0.547	0.520	0.343	1.53	0.800B	26
27	3.55 B	0.308B	2.50 B	2.31	1.46	0.234	0.311	0.383	0.386	0.302	3.15	0.860B	27
28	2.45 B	0.300B	1.95 B	1.89	1.04	0.240	0.195	0.343	0.299	0.282	2.51	0.570B	28
29	1.84 B		1.28 B	1.61	0.854	0.276	0.181	0.276	0.250	0.289	1.64	0.500B	29
30	1.40 B		2.05 B	1.39	0.737	0.287	0.172	0.210	0.263	0.284	1.40 B	0.466	30
31	1.00 B		3.45 B		0.644		0.256	0.177		0.294		0.420	31
TOTAL	22.701	12.431	22.629	102.18	34.441	13.736	6.128	8.001	9.626	9.983	25.542	24.559	TOTAL
MEAN	0.732	0.444	0.730	3.41	1.11	0.458	0.198	0.258	0.321	0.322	0.851	0.792	MEAN
MAX	3.55	0.790	3.45	8.46	5.04	1.15	0.311	0.825	1.49	0.601	3.15	2.99	MAX
MIN	0.158	0.300	0.177	1.28	0.644	0.221	0.144	0.151	0.143	0.216	0.288	0.370	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.800
MAXIMUM DAILY, 8.46 ON APR 10
MINIMUM DAILY, 0.143 ON SEP 9
MAXIMUM INSTANTANEOUS,
9.77 AT 17:40 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 39 N
LONG 64 11 08 W
DRAINAGE AREA, 46.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 960	JUL	529
FEB	1 070	AUG	691
MAR	1 960	SEP	832
APR	8 830	OCT	863
MAY	2 980	NOV	2 210
JUN	1 190	DEC	2 120

TOTAL DISCHARGE, 26 200 dam³

PRINCE EDWARD ISLAND

CLYDE RIVER NEAR CLYDE RIVER - STATION NO. 01CC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.246	---	---	---	---	1
2	---	---	---	---	---	---	0.157	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	0.140	0.293	3
4	---	---	---	---	---	0.233	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	0.174	0.133	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	0.360	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	0.125	---	---	---	11
12	---	---	---	---	---	0.218	---	---	---	---	0.139	---	12
13	---	---	---	---	---	---	---	0.155	---	---	---	---	13
14	---	---	---	---	---	---	0.148	---	---	---	---	---	14
15	---	---	---	---	0.304	---	---	---	0.119	---	---	---	15
16	---	---	---	---	---	---	---	---	0.124	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	0.183	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	0.145	---	---	20
21	---	---	---	---	---	---	---	0.154	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	0.148	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	0.178	---	---	0.125	---	---	---	24
25	---	---	---	---	---	0.178	0.143	---	0.176	---	0.873	---	25
26	---	---	---	---	---	0.168	---	---	---	---	---	---	26
27	---	---	---	---	0.266	---	---	---	---	0.139	---	---	27
28	---	---	---	---	---	---	---	0.157	---	---	---	---	28
29	---		---	---	---	---	---	---	0.117	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT N
LONG W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DUNK RIVER AT WALL ROAD - STATION NO. 01CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.25	2.17 B	1.04 B	14.6	3.07	1.69	1.08	1.68	0.917	0.933	0.922	2.11	1
2	1.19	1.92 B	1.02 B	8.53	2.98	1.71	1.03	1.26	0.900	0.922	0.953	2.10	2
3	1.04	1.76 B	1.01	7.50	2.90	1.73	1.03	1.09	0.891	0.918	0.961	2.70A	3
4	1.01	1.63 B	1.01	4.55	2.76	1.68	1.03	1.26	0.872	0.894	0.965	3.60A	4
5	2.04	1.53 B	0.976	3.72	2.58	1.79	1.01	1.31	0.873	0.950	0.963	2.56A	5
6	1.81	1.43 B	0.968	2.98	2.47	1.76	0.991	1.15	0.846	0.965	0.927	2.38A	6
7	1.59	1.35 B	0.960B	2.77	2.28	1.73	0.978	1.08	0.843	0.926	0.923	2.23A	7
8	1.49B	1.29 B	0.945B	2.59	2.16	1.76	0.951	1.05	0.865	0.916	0.915	2.12E	8
9	1.40B	1.23 B	0.930B	3.32	2.07	2.08	0.957	1.06	0.839	0.930	0.926	2.02E	9
10	1.34B	1.17 B	0.960B	10.3	2.05	1.93	0.933	1.04	0.831	0.961	0.855	1.94E	10
11	1.28B	1.14 B	1.09	5.98	1.99	1.77	0.919	1.04	0.825	0.943	0.950	1.86E	11
12	1.24B	1.12 B	1.13	4.63	0.900	1.66	0.900	1.01	1.09	0.939	0.921	1.79E	12
13	1.34B	1.07 B	1.18	4.38	0.683	1.63	0.885	1.00	1.13	0.934	0.907	1.70E	13
14	1.28B	1.04 B	1.05	3.90	1.45	1.62	0.886	0.993	0.951	0.963	0.853	1.64E	14
15	1.22B	1.01 B	1.08	3.75	1.65	1.60	0.961	0.964	0.909	0.946	0.613	1.56A	15
16	1.19B	0.970B	1.14	4.98	1.66	1.61	1.02	0.956	0.874	0.927	1.01	1.49E	16
17	1.16B	0.950B	1.11	17.3	1.66	1.57	0.986	0.960	0.864	0.937	0.894	1.44E	17
18	1.13B	0.930B	1.05	8.07	1.68	1.45	0.960	0.951	0.858	0.947	0.976	1.38E	18
19	1.10B	0.908B	1.01	5.69	1.65	1.41	0.947	0.958	0.841	0.955	0.888	1.34E	19
20	41.2	0.890B	8.83	4.81	1.61	1.33	0.918	0.941	0.858	0.968	0.854	1.30B	20
21	25.3	0.870B	12.4	4.43	1.54	1.26	0.895	0.919	0.875	0.934	0.896	1.26B	21
22	6.27	0.860B	6.36	4.29	1.55	1.23	0.910	0.883	0.852	0.925	1.65	1.23B	22
23	4.22	1.00 B	2.93	4.37	1.55	1.17	0.913	0.979	0.827	0.933	1.46	1.19B	23
24	3.10B	1.13 B	2.01	5.39	1.82	1.15	0.879	0.948	0.893	0.948	1.39	1.17B	24
25	2.54B	1.11 B	1.74	4.83	2.02	1.13	0.888	0.912	1.02	0.947	2.62	1.14B	25
26	2.28B	1.10 B	6.53	4.57	1.72	1.10	0.900	0.971	1.21	0.958	2.08	2.28	26
27	14.6 B	1.08 B	49.5 E	4.21	1.61	1.07	0.888	1.13	1.07	0.930	2.67	1.86	27
28	15.6	1.06 B	11.6	3.87	1.62	1.10	0.880	0.970	0.985	0.933	4.40	1.46	28
29	5.29		4.26	3.65	1.62	1.13	1.28	0.987	0.948	0.955	2.75	1.33B	29
30	3.12		14.6	3.30	1.64	1.12	1.12	0.988	0.932	0.936	2.36	1.28	30
31	2.50B		33.8		1.67		1.26	0.932		0.957		1.27	31
TOTAL	151.31	33.718	174.229	167.36	58.623	44.97	30.265	32.382	27.509	29.131	4[illegible].262	54.75	TOTAL
MEAN	4.88	1.20	5.62	5.58	1.89	1.50	0.976	1.04	0.917	0.940	1.35	1.77	MEAN
MAX	41.2	2.17	49.5	17.3	3.07	2.08	1.28	1.68	1.21	0.968	4.40	3.60	MAX
MIN	1.01	0.860	0.930	2.59	0.683	1.07	0.879	0.883	0.825	0.894	0.613	1.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.31
MAXIMUM DAILY, 49.5E ON MAR 27
MINIMUM DAILY, 0.613 ON NOV 15
MAXIMUM INSTANTANEOUS,
74.4E AT 15:25 AST ON JAN 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 45 N
LONG 63 38 03 W
DRAINAGE AREA, 114 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 100	JUL	2 610
FEB	2 910	AUG	2 800
MAR	15 100	SEP	2 380
APR	14 500	OCT	2 520
MAY	5 070	NOV	3 500
JUN	3 890	DEC	4 730

TOTAL DISCHARGE, 73 100 dam^3

EMERALD BROOK NEAR EMERALD - STATION NO. 01CB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.019	0.028	0.017	0.339	0.089	0.050	0.033	0.026	0.018	0.018	0.012	0.017	1
2	0.016	0.023	0.015	0.316	0.091	0.051	0.034	0.019	0.018	0.018	0.013	0.018	2
3	0.014	0.023	0.017	0.115	0.086	0.047	0.033	0.020	0.018	0.017	0.014	0.035	3
4	0.017	0.023	0.019	0.082	0.081	0.046	0.034	0.032	0.018	0.015	0.014	0.074	4
5	0.015	0.020	0.017	0.057	0.078	0.043	0.034	0.022	0.018	0.015	0.012	0.024	5
6	0.016	0.021	0.016	0.049	0.078	0.042	0.032	0.024	0.018	0.015	0.013	0.024	6
7	0.016	0.019	0.015E	0.044	0.077	0.040	0.032	0.022	0.018	0.015	0.013	0.024	7
8	0.015	0.020	0.015E	0.039	0.078	0.046	0.033	0.021	0.018	0.014	0.011	0.022	8
9	0.013	0.020	0.014E	0.189	0.072	0.046	0.033	0.021	0.017	0.015	0.013	0.020	9
10	0.014	0.020	0.014E	0.427	0.072	0.039	0.032	0.020	0.018	0.016	0.013	0.021	10
11	0.014	0.023	0.016E	0.073	0.069	0.039	0.031	0.019	0.018	0.015	0.013	0.022	11
12	0.013	0.018	0.015E	0.100	0.066	0.035	0.029	0.016	0.021	0.015	0.011	0.021	12
13	0.015	0.019	0.015E	0.067	0.068	0.037	0.028	0.017	0.018	0.015	0.011	0.021	13
14	0.013	0.018	0.014E	0.053	0.067	0.036	0.027	0.017	0.017	0.016	0.011	0.020	14
15	0.013	0.018	0.014E	0.053	0.063	0.036	0.027	0.018	0.017	0.017	0.011	0.021	15
16	0.013	0.019	0.013E	0.389	0.064	0.038	0.028	0.019	0.018	0.015	0.012	0.020	16
17	0.013	0.020	0.013E	0.406	0.066	0.037	0.025	0.019	0.017	0.014	0.011	0.021	17
18	0.016	0.020	0.012E	0.085	0.065	0.036	0.025	0.019	0.017	0.014	0.010	0.019	18
19	0.017	0.019	0.012E	0.070	0.063	0.036	0.025	0.018	0.016	0.015	0.009	0.021	19
20	1.87 B	0.019	0.468A	0.066	0.061	0.035	0.024	0.017	0.017	0.015	0.009	0.022	20
21	0.938	0.018	0.342	0.070	0.061	0.034	0.024	0.017	0.017	0.014	0.013	0.021	21
22	0.123	0.020	0.163	0.071	0.062	0.033	0.022	0.016	0.016	0.013	0.025	0.019	22
23	0.080	0.019	0.090	0.092	0.055	0.034	0.021	0.017	0.016	0.013	0.011	0.021	23
24	0.031	0.018	0.053	0.113	0.077	0.032	0.021	0.017	0.016	0.014	0.021	0.023	24
25	0.021	0.017	0.038	0.091	0.062	0.032	0.020	0.022	0.025	0.013	0.023	0.021	25
26	0.016	0.019	0.709	0.092	0.053	0.030	0.020	0.019	0.019	0.012	0.015	0.062	26
27	1.26	0.019	2.43	0.093	0.054	0.032	0.020	0.017	0.018	0.012	0.037	0.030	27
28	0.430	0.019	0.156	0.087	0.052	0.033	0.025	0.019	0.017	0.012	0.019	0.026	28
29	0.054		0.071	0.081	0.051	0.036	0.025	0.019	0.016	0.012	0.017	0.026	29
30	0.039		0.894	0.085	0.054	0.033	0.021	0.018	0.016	0.014	0.019	0.026	30
31	0.032		1.57		0.049		0.046	0.018		0.012		0.026	31
TOTAL	5.176	0.560	7.287	3.900	2.084	1.142	0.865	0.609	0.531	0.450	0.436	0.788	TOTAL
MEAN	0.167	0.020	0.234	0.130	0.067	0.038	0.028	0.020	0.018	0.015	0.015	0.025	MEAN
MAX	1.87	0.028	2.43	0.427	0.091	0.051	0.046	0.032	0.025	0.018	0.037	0.074	MAX
MIN	0.013	0.017	0.012	0.039	0.049	0.030	0.020	0.016	0.016	0.012	0.009	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 2.43 ON MAR 27
MINIMUM DAILY, 0.009 ON NOV 19
MAXIMUM INSTANTANEOUS,
5.79E AT 09:44 AST ON JAN 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 34 N
LONG 63 33 29 W
DRAINAGE AREA, 5.59 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	447	JUL	74.7
FEB	48.4	AUG	52.6
MAR	628	SEP	45.9
APR	337	OCT	38.9
MAY	180	NOV	37.7
JUN	98.7	DEC	68.1

TOTAL DISCHARGE, 2 060 dam³

MORELL RIVER AT BANGOR - STATION NO. 01CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.83B	4.15B	1.65B	19.7	4.64	2.14	1.90	2.89	0.885	1.40	0.979	3.02	1
2	1.79B	3.70B	1.60B	20.1	4.57	2.31	1.72	2.48	0.822	1.46	1.08	2.87	2
3	1.76B	3.42B	1.54B	20.2	4.47	2.64	1.67	1.98	0.827	1.23	1.10	3.44	3
4	1.71B	3.10B	1.50B	13.9	4.22	2.45	1.66	1.87	0.752	1.19	1.06	4.78	4
5	1.66B	2.92B	1.46B	10.1	3.92	2.21	1.52	1.66	0.703	1.31	1.01	4.37	5
6	1.62B	2.75B	1.41B	7.52	3.74	2.07	1.39	1.39	0.668	1.30	0.912	3.56	6
7	1.59B	2.63B	1.37B	6.26	3.56	1.98	1.37	1.24	0.707	1.20	0.978	3.00	7
8	1.57B	2.50B	1.67B	5.91	3.32	2.41	1.21	1.11	0.687	1.14	0.952	2.45B	8
9	1.54B	2.38B	1.52B	5.96	3.15	5.99	1.15	0.977	0.824	1.10	0.946	1.95B	9
10	1.51B	2.30B	1.43B	9.96	2.96	4.61	1.21	0.974	0.715	1.32	1.22	1.60B	10
11	1.48B	2.22B	1.67B	10.6	2.81	3.43	1.16	0.935	0.766	1.29	1.18	1.77B	11
12	1.46B	2.13B	1.67B	8.77	2.75	2.78	1.18	0.757	1.33	1.15	1.12	1.70B	12
13	1.43B	2.08B	1.71B	7.90	2.70	2.37	1.14	0.755	1.42	1.14	1.07	1.60B	13
14	1.41B	2.00B	1.57B	7.43	2.64	2.25	1.09	0.683	1.16	1.14	1.14	1.54B	14
15	1.90B	1.95B	1.90B	7.52	2.54	2.23	1.16	0.618	1.03	1.41	1.11 B	1.48B	15
16	1.80B	1.89B	2.21B	8.89	2.49	2.05	1.29	0.578	0.963	1.36	1.07	1.41B	16
17	1.70B	1.83B	1.89B	19.5	2.33	1.94	1.22	0.799	1.09	1.19	1.08	1.35B	17
18	1.65B	1.79B	1.71B	15.6	2.38	1.95	1.01	0.856	1.11	1.20	1.10	1.29B	18
19	3.00B	1.74B	4.20B	11.2	2.36	1.78	1.08	0.817	1.01	1.27	1.19 B	1.40B	19
20	6.50B	1.70B	8.20B	8.66	2.28	1.72	1.12	0.942	0.897	1.18	1.38 B	1.35B	20
21	10.3 B	1.65B	5.66B	7.95	2.32	1.63	1.08	0.861	0.841	1.11	1.31	1.28B	21
22	7.00B	1.84B	5.05B	7.98	2.16	1.57	1.09	0.824	0.812	1.09	4.40 B	1.22B	22
23	5.22B	2.24B	4.65B	6.50	2.13	1.48	0.987	1.10	0.765	1.08	3.47	1.30B	23
24	4.60B	2.10B	4.35B	8.48	2.97	1.71	1.01	0.995	1.02	1.22	3.55	1.24B	24
25	3.75B	1.89B	4.10B	8.55	3.66	1.78	0.919	1.42	1.21	1.26	5.20	1.16B	25
26	3.30B	1.85B	3.90B	7.52	3.32	1.53	0.815	1.51	1.61	1.21	4.12	1.50B	26
27	8.70B	1.77B	10.4	6.58	2.86	1.48	0.852	1.45	1.79	1.11	5.00	2.90B	27
28	17.0 B	1.70B	12.9	6.09	2.55	1.50	0.913	1.57	1.63	1.11	5.12	2.55B	28
29	10.0 B		10.9	5.62	2.38	1.78	2.83	1.47	1.39	1.15	4.05	2.40B	29
30	5.90B		11.5	4.99	2.19	2.12	3.13	1.16	1.32	1.12	3.63	2.23B	30
31	4.90B		18.3		2.10		2.86	0.970		0.982		2.14B	31
TOTAL	120.08	64.32	133.79	299.04	92.47	67.89	42.866	37.631	30.854	37.432	61.527	65.65	TOTAL
MEAN	3.87	2.30	4.32	9.97	2.98	2.26	1.38	1.21	1.03	1.21	2.05	2.12	MEAN
MAX	17.0	4.15	18.3	20.2	4.64	5.99	3.13	2.89	1.79	1.46	5.20	4.78	MAX
MIN	1.41	1.65	1.37	4.99	2.10	1.48	0.815	0.578	0.668	0.982	0.912	1.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.89
MAXIMUM DAILY, 20.2 ON APR 3
MINIMUM DAILY, 0.578 ON AUG 16
MAXIMUM INSTANTANEOUS,
23.5 AT 21:41 AST ON APR 2

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 40 N
LONG 62 42 02 W
DRAINAGE AREA, 147 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 400	JUL	3 700
FEB	5 560	AUG	3 250
MAR	11 600	SEP	2 670
APR	25 800	OCT	3 230
MAY	7 990	NOV	5 320
JUN	5 870	DEC	5 690

TOTAL DISCHARGE, 91 100 dam³

PRINCE EDWARD ISLAND

NORTH BROOK NEAR WALL ROAD - STATION NO. 01CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.100	0.145B	0.086	1.61	0.216	0.178	0.108	0.115	0.085	0.089	0.075	0.125	1
2	0.091	0.139B	0.089	1.28	0.222	0.170	0.117	0.114	0.087	0.095	0.083	0.122	2
3	0.090B	0.132	0.083	0.754	0.213	0.166	0.104	0.106	0.086	0.085	0.074	0.148	3
4	0.132B	0.123B	0.085	0.647	0.177	0.165	0.101	0.151	0.090	0.088	0.074	0.225	4
5	0.123B	0.139	0.080	0.643	0.176	0.172	0.102	0.123	0.084	0.089	0.066	0.151	5
6	0.118B	0.137B	0.083	0.613	0.172	0.160	0.092	0.117	0.089	0.086	0.071	0.144	6
7	0.116B	0.135B	0.092B	0.623	0.178	0.167	0.106	0.109	0.100	0.082	0.081	0.140	7
8	0.114B	0.134	0.090B	0.613	0.171	0.158	0.115	0.113	0.102	0.081	0.089	0.138B	8
9	0.112B	0.130	0.089B	0.738	0.167	0.181	0.121	0.115	0.090	0.081	0.089	0.136B	9
10	0.108B	0.127	0.088B	1.65	0.165	0.146	0.112	0.104	0.088	0.082	0.080	0.145	10
11	0.107B	0.125	0.087B	0.584	0.158	0.161	0.111	0.105	0.100	0.080	0.077	0.126	11
12	0.104B	0.117	0.086B	0.640	0.164	0.135	0.120	0.106	0.108	0.081	0.086	0.126	12
13	0.102	0.103	0.085B	0.440	0.163	0.125	0.112	0.094	0.106	0.081	0.083	0.124	13
14	0.102B	0.104B	0.085	0.362	0.154	0.139	0.098	0.089	0.093	0.079	0.078	0.115B	14
15	0.101B	0.105	0.089	0.292	0.148	0.161	0.110	0.102	0.082	0.081	0.089	0.111	15
16	0.099B	0.107	0.088	0.670	0.163	0.137	0.110	0.120	0.090	0.083	0.093	0.122	16
17	0.098B	0.104B	0.079	2.18	0.163	0.136	0.107	0.124	0.086	0.068	0.100	0.120B	17
18	0.107B	0.102B	0.077	0.367	0.176	0.133	0.104	0.116	0.075	0.082	0.103	0.119B	18
19	0.113	0.099B	0.086	0.313	0.176	0.137	0.120	0.106	0.081	0.088	0.100	0.118	19
20	3.70	0.099	0.690B	0.270	0.170	0.139	0.107	0.113	0.084	0.087	0.087	0.135	20
21	2.30	0.093	1.20 B	0.249	0.185	0.128	0.105	0.112	0.087	0.093	0.086	0.133	21
22	0.302	0.101	0.800B	0.246	0.187	0.127	0.122	0.104	0.086	0.093	0.138	0.114	22
23	0.260B	0.105	0.252	0.250	0.187	0.117	0.111	0.104	0.082	0.108	0.101	0.135	23
24	0.233B	0.112	0.186	0.338	0.215	0.106	0.098	0.108	0.086	0.090	0.120	0.140	24
25	0.211B	0.103	0.192	0.284	0.175	0.104	0.094	0.103	0.105	0.075	0.123	0.124	25
26	0.188	0.091	1.60	0.278	0.145	0.093	0.101	0.100	0.089	0.078	0.108	0.195	26
27	3.00	0.085	4.75	0.267	0.173	0.105	0.101	0.100	0.086	0.078	0.180	0.107	27
28	1.90	0.086	0.788	0.245	0.168	0.094	0.137	0.091	0.083	0.076	0.125	0.104	28
29	0.289		0.452	0.225	0.135	0.110	0.133	0.088	0.078	0.087	0.118	0.104	29
30	0.176		1.75	0.225	0.149	0.114	0.109	0.092	0.078	0.074	0.122	0.098	30
31	0.146		3.10		0.176		0.192	0.094		0.077		0.108	31
TOTAL	14.745	3.180	17.400	17.696	5.336	4.180	3.482	3.360	2.707	2.644	2.901	4.052	TOTAL
MEAN	0.476	0.114	0.561	0.590	0.172	0.139	0.112	0.108	0.090	0.085	0.097	0.131	MEAN
MAX	3.70	0.145	4.75	2.18	0.222	0.181	0.192	0.151	0.108	0.108	0.180	0.225	MAX
MIN	0.080	0.085	0.077	0.225	0.135	0.093	0.092	0.088	0.075	0.068	0.066	0.098	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.224
MAXIMUM DAILY, 4.75 ON MAR 27
MINIMUM DAILY, 0.068 ON OCT 17
MAXIMUM INSTANTANEOUS,
8.50E AT 14.00 AST ON JAN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 45 N
LONG 63 37 56 W
DRAINAGE AREA, 12.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 270	JUL	301
FEB	275	AUG	290
MAR	1 500	SEP	234
APR	1 530	OCT	228
MAY	461	NOV	251
JUN	358	DEC	350

TOTAL DISCHARGE, 7 050 dam³

WEST RIVER AT RIVERDALE - STATION NO. 01CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	1.02	---	---	---	---	1
2	---	---	---	---	---	---	0.632	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	0.715	2.73	3
4	---	---	---	---	---	1.02	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	0.708	0.477	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	1.80	4.74	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	0.467	---	---	---	11
12	---	---	---	---	---	1.20	---	---	---	---	0.632	---	12
13	---	---	---	---	---	---	---	0.575	---	---	---	---	13
14	---	---	---	---	---	---	0.537	---	---	---	---	---	14
15	---	---	---	---	1.47	---	---	---	0.537	---	---	---	15
16	---	---	---	---	---	---	---	---	0.830	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	0.836	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	0.738	---	---	20
21	---	---	---	---	---	---	---	0.517	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	0.880	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	0.836	---	---	0.708	---	---	---	24
25	---	---	---	---	---	0.763	0.452	---	0.872	---	5.80	---	25
26	---	---	---	---	---	0.702	---	---	---	---	---	---	26
27	---	---	---	---	1.11	---	---	---	---	0.702	---	---	27
28	---	---	---	---	---	---	---	0.632	---	---	---	---	28
29	---		---	---	---	---	---	---	0.845	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - MANUAL
LOCATION - LAT N
LONG W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

WILMOT RIVER NEAR WILMOT VALLEY - STATION NO 01CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.302	0.557	0.284	3.16	0.904	0.473	0.376	0.669	0.345	0.295	0.309	0.484	1
2	0.284	0.510	0.267	2.84	0.882	0.462	0.361	0.441	0.349	0.191	0.341	0.448	2
3	0.282	0.571	0.271	1.82	0.838	0.472	0.368	0.414	0.344	0.240	0.337	0.558	3
4	0.286	0.530B	0.254	1.20	0.785	0.459	0.373	0.644	0.340	0.317	0.314	1.72	4
5	0.411	0.510B	0.248	0.949	0.773	0.453	0.369	0.434	0.334	0.327	0.295	0.749	5
6	0.428	0.471	0.254	0.785	0.762	0.456	0.384	0.390	0.330	0.328	0.295	0.606	6
7	0.363	0.470B	0.227	0.758	0.704	0.434	0.386	0.364	0.344	0.331	0.304	0.565	7
8	0.330B	0.465B	0.300	0.730	0.674	0.448	0.388	0.367	0.330	0.332	0.295	0.518	8
9	0.285B	0.460B	0.254	1.46	0.650	0.494	0.387	0.380	0.322	0.340	0.299	0.536	9
10	0.276B	0.453	0.238	4.28	0.645	0.445	0.365	0.391	0.329	0.343	0.306	0.546	10
11	0.348	0.450	0.279	1.31	0.631	0.427	0.369	0.388	0.380	0.325	0.288	0.489	11
12	0.267	0.445	0.248	1.60	0.602	0.417	0.371	0.369	0.432	0.327	0.291	0.483	12
13	0.259	0.435	0.243	1.22	0.597	0.411	0.365	0.383	0.373	0.328	0.302	0.483	13
14	0.250B	0.430	0.228	1.10	0.587	0.409	0.364	0.370	0.348	0.351	0.281	0.456	14
15	0.244B	0.410	0.231	1.03	0.576	0.416	0.368	0.381	0.339	0.349	0.284	0.446	15
16	0.236B	0.397	0.220	2.46	0.559	0.403	0.358	0.380	0.330	0.340	0.286	0.430	16
17	0.233B	0.391	0.211	5.86	0.550	0.404	0.341	0.397	0.326	0.334	0.291	0.435	17
18	0.230B	0.387	0.198	1.41	0.555	0.394	0.343	0.381	0.323	0.356	0.292	0.445	18
19	0.226B	0.364	0.269	1.18	0.548	0.388	0.337	0.381	0.328	0.338	0.281	0.405	19
20	14.8	0.350	5.48	1.11	0.541	0.390	0.337	0.373	0.226	0.324	0.267	0.413	20
21	10.3	0.357	6.05	1.07	0.534	0.377	0.351	0.363	0.168	0.325	0.309	0.410	21
22	2.20	0.364B	2.41	1.09	0.527	0.380	0.357	0.348	0.145	0.340	0.571	0.405	22
23	2.07	0.346B	1.15	1.25	0.520	0.376	0.364	0.356	0.219	0.332	0.364	0.395	23
24	1.14	0.338B	0.968	1.74	0.718	0.378	0.383	0.361	0.321	0.324	0.500	0.401	24
25	0.832	0.332B	0.779	1.23	0.614	0.378	0.391	0.365	0.439	0.312	0.779	0.394	25
26	0.644	0.323B	5.55	1.15	0.541	0.377	0.414	0.370	0.383	0.318	0.443	1.26	26
27	5.26	0.316B	17.8	1.09	0.506	0.386	0.424	0.369	0.346	0.301	1.02	0.600	27
28	3.00	0.308	2.88	1.03	0.501	0.388	0.502	0.364	0.323	0.300	0.676	0.483	28
29	1.61		1.28	0.993	0.497	0.385	0.692	0.366	0.323	0.310	0.530	0.464	29
30	0.930		7.90	0.949	0.495	0.388	0.454	0.351	0.331	0.329	0.536	0.435	30
31	0.775		11.4		0.485		0.897	0.348		0.319		0.426	31
TOTAL	58.981	11.939	67.822	47.664	19.297	12.480	12.578	12.338	9.735	9.938	11.685	16.890	TOTAL
MEAN	1.90	0.426	2.19	1.59	0.622	0.416	0.406	0.398	0.325	0.321	0.388	0.545	MEAN
MAX	14.8	0.557	17.8	5.86	0.904	0.494	0.897	0.669	0.439	0.356	1.02	1.72	MAX
MIN	0.226	0.308	0.198	0.730	0.485	0.376	0.337	0.348	0.145	0.191	0.267	0.394	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 17.8 ON MAR 27
MINIMUM DAILY, 0.145 ON SEP 22
MAXIMUM INSTANTANEOUS,
21.3 AT 16:26 AST ON JAN 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 35 N
LONG 63 39 35 W
DRAINAGE AREA, 45.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 100	JUL	1 090
FEB	1 030	AUG	1 070
MAR	5 870	SEP	841
APR	4 120	OCT	859
MAY	1 670	NOV	1 010
JUN	1 080	DEC	1 460

TOTAL DISCHARGE, 25 200 dam³

WINTER RIVER AT BRACKLEY WELLS PUMPING STATION - STATION NO 01CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.004	0.003	0	0.302	0.089	0.018	0.001	0.040	0E	0	0	0	1
2	0.006	0.003	0	0.580	0.085	0.022	0.001	0.003	0E	0	0	0	2
3	0.003	0.003	0	0.415	0.080	0.023	0.001	0	0E	0	0	0.001	3
4	0.004	0.003	0	0.148	0.075	0.018	0	0	0E	0.001	0	0.134	4
5	0.005	0.003	0	0.089	0.070	0.016	0.001	0	0E	0	0	0.021	5
6	0.003	0.003	0	0.052	0.065	0.014	0	0.001	0E	0	0	0.001	6
7	0.005	0.003	0	0.049	0.059	0.012	0	0.001	0E	0	0	0	7
8	0.008	0.002	0	0.044	0.051	0.018	0	0	0E	0	0	0	8
9	0.003	0.002	0	0.070	0.048	0.072	0	0	0	0	0	0 B	9
10	0.002	0.002	0	0.758	0.048	0.023	0	0	0	0	0	0 B	10
11	0	0.001	0	0.243	0.044	0.014	0	0	0	0	0	0 B	11
12	0.021	0.001	0	0.183	0.042	0.010	0	0	0	0.001	0	0 B	12
13	0.007	0.001	0	0.148	0.038	0.010	0	0	0	0	0	0 B	13
14	0	0.001	0	0.120	0.035	0.008	0	0	0	0.001	0	0 B	14
15	0	0	0	0.131	0.033	0.006	0.001	0	0	0.001	0	0 B	15
16	0	0	0.001	0.303	0.031	0.007	0	0	0	0.002	0	0 B	16
17	0	0	0.001	0.834	0.028	0.007	0	0	0	0.002	0	0 B	17
18	0	0	0.003	0.186	0.029	0.006	0	0	0	0.002	0	0 B	18
19	0.001	0	0.007	0.123	0.027	0.005	0	0	0	0.001	0	0 B	19
20	0.431	0	0.024	0.115	0.025	0.003	0	0	0	0.002	0	0 B	20
21	0.785	0	0.028	0.114	0.024	0.003	0	0	0	0.001	0	0 B	21
22	0.145	0	0.030	0.119	0.023	0.002	0	0	0	0.001	0.001	0 B	22
23	0.055	0	0.030	0.188	0.022	0.002	0	0	0	0.001	0.002	0 B	23
24	0.023	0	0.031	0.278	0.122	0.001	0	0	0	0.001	0.015	0	24
25	0.016	0	0.033	0.144	0.080	0.001	0	0	0	0.001	0.083	0	25
26	0.011	0	0.035	0.118	0.040	0.001	0	0	0	0.001	0.008	0.008	26
27	0.188	0	0.047	0.110	0.028	0.001	0	0	0	0	0.113	0 B	27
28	0.727	0	0.057	0.107	0.023	0.001	0	0	0	0	0.045	0 B	28
29	0.101		0.072	0.104	0.021	0.001	0.001	0	0	0	0.004	0 B	29
30	0.025		0.128	0.097	0.020	0.001	0.001	0	0	0	0.001	0 B	30
31	0.008		0.211		0.018		0.018	0 E		0		0 B	31
TOTAL	2.610	0.031	0.740	6.274	1.437	0.328	0.026	0.045	0	0.019	0.280	0.183	TOTAL
MEAN	0.084	0.001	0.024	0.209	0.046	0.011	0.001	0.001	0	0.001	0.009	0.006	MEAN
MAX	0.785	0.003	0.211	0.834	0.122	0.072	0.018	0.040	0	0.002	0.113	0.134	MAX
MIN	0	0	0	0.044	0.018	0.001	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 0.834 ON APR 17
MINIMUM DAILY, 0 ON JAN 11
MAXIMUM INSTANTANEOUS,
1.78 AT 21:30 AST ON JAN 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 54 N
LONG 63 08 46 W
DRAINAGE AREA, 4.82 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	226	JUL	2.26
FEB	2.68	AUG	3.88
MAR	63.9	SEP	0
APR	542	OCT	1.64
MAY	124	NOV	24.2
JUN	28.4	DEC	14.1

TOTAL DISCHARGE, 1 030 dam³

REMARKS - EXTREME HIGH FLOWS BYPASS THE GAUGE

PRINCE EDWARD ISLAND

WINTER RIVER NEAR SUFFOLK - STATION NO. 01CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.136	0.255	0.142	1.59	0.910E	0.415E	0.315	0.861	0.166	0.164	0.141	0.241	1
2	0.130	0.262	0.140	3.34	0.865E	0.395E	0.302	0.535	0.163	0.149	0.125	0.205	2
3	0.126	0.237	0.136	3.51	0.845E	0.380E	0.292	0.309	0.151	0.149	0.128	0.205	3
4	0.164	0.201	0.124	1.58	0.805E	0.440E	0.282	0.311	0.165	0.144	0.122	0.501	4
5	0.148	0.187	0.118	0.977	0.755E	0.390E	0.281	0.328	0.159	0.157	0.126	0.507	5
6	0.133	0.187	0.132	0.682	0.720E	0.365A	0.245	0.280	0.160	0.183	0.128	0.308	6
7	0.124	0.181	0.163	0.563	0.685E	0.365A	0.249	0.231	0.177	0.157	0.136	0.222	7
8	0.130	0.166	0.150	0.491	0.660E	0.350E	0.244	0.215	0.166	0.172	0.129	0.206	8
9	0.111	0.183	0.127	0.531	0.630E	0.850E	0.267	0.251	0.162	0.162	0.138	0.180	9
10	0.103	0.174	0.128	1.95	0.600E	0.610E	0.237	0.229	0.222	0.146	0.145	0.192	10
11	0.117	0.172	0.155	2.49	0.580E	0.500E	0.228	0.207	0.284	0.145	0.137	0.201	11
12	0.111	0.172	0.151	1.18	0.565E	0.410E	0.241	0.173	0.304	0.134	0.135	0.185	12
13	0.105	0.182	0.137	1.04	0.550E	0.385E	0.225	0.166	0.250	0.139	0.131	0.170	13
14	0.155	0.167	0.153	0.881	0.535E	0.360E	0.211	0.171	0.184	0.131	0.147	0.168	14
15	0.134	0.167	0.187	0.839	0.525E	0.345E	0.245	0.179	0.187	0.139	0.135	0.159	15
16	0.115	0.177	0.158	1.05	0.515E	0.328E	0.234	0.171	0.173	0.113	0.145	0.161	16
17	0.092	0.173	0.151	4.10	0.505E	0.310E	0.203	0.178	0.155	0.106	0.140	0.165	17
18	0.093	0.178	0.140	2.48	0.490E	0.297E	0.192	0.168	0.146	0.188	0.138	0.151	18
19	0.097	0.186	0.146	1.14	0.475E	0.285E	0.201	0.183	0.141	0.156	0.141	0.156	19
20	0.684	0.173	0.281	0.978	0.465E	0.277E	0.180	0.174	0.138	0.137	0.141	0.150	20
21	4.16	0.158	0.509	0.914	0.440E	0.268E	0.191	0.181	0.164	0.150	0.161	0.158	21
22	1.84	0.158	0.598	0.895	0.420E	0.250E	0.183	0.175	0.149	0.151	0.318	0.184A	22
23	0.808	0.170	0.533	1.03 E	0.400E	0.253A	0.169	0.178	0.133	0.149	0.287	0.158E	23
24	0.472	0.146	0.438	1.92 E	1.43 E	0.284A	0.163	0.193	0.183	0.161	0.289	0.154E	24
25	0.323	0.134	0.365	1.60 E	0.950E	0.275	0.174	0.207	0.200	0.146	0.542	0.151E	25
26	0.244	0.161	0.364	1.18 E	0.710E	0.285	0.160	0.188	0.189	0.129	0.408	0.348E	26
27	1.20	0.160	3.23	1.13 E	0.600E	0.277	0.152	0.199	0.185	0.120	0.506	0.265E	27
28	4.81	0.143	4.75	1.06 E	0.535E	0.322	0.194	0.212	0.186	0.137	0.727	0.174E	28
29	2.14		2.70	1.00 E	0.500E	0.359	0.448	0.203	0.182	0.142	0.399	0.168E	29
30	0.704		1.49	0.955E	0.465E	0.324	0.373	0.194	0.159	0.137	0.288	0.165E	30
31	0.382		1.35		0.440E		0.426	0.164		0.128		0.162E	31
TOTAL	20.091	5.050	19.346	43.076	19.570	10.934	7.507	7.494	5.323	4.461	6.631	6.500	TOTAL
MEAN	0.648	0.180	0.624	1.44	0.631	0.364	0.242	0.242	0.177	0.144	0.221	0.210	MEAN
MAX	4.81	0.262	4.75	4.10	1.43	0.850	0.448	0.861	0.304	0.172	0.727	0.507	MAX
MIN	0.092	0.134	0.118	0.491	0.400	0.250	0.152	0.163	0.133	0.106	0.122	0.150	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.427
MAXIMUM DAILY, 4.81 ON JAN 28
MINIMUM DAILY, 0.092 ON JAN 17
MAXIMUM INSTANTANEOUS,
6.72 AT 00 33 AST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 56 N
LONG 63 03 53 W
DRAINAGE AREA, 37.5 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 740	JUL	649
FEB	436	AUG	647
MAR	1 670	SEP	460
APR	3 720	OCT	385
MAY	1 690	NOV	573
JUN	945	DEC	562

TOTAL DISCHARGE, 13 500 dam³

NEWFOUNDLAND AND LABRADOR

NAME	STATION NO	PAGE
ALEXIS RIVER NEAR PORT HOPE SIMPSON	03OC002	1
ASHUANIPI RIVER AT MENIHEK RAPIDS	03OA001	1
ATIKONAK RIVER AT GABBRO LAKE	03OC006	2
ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE	03OD008	2
BARTLETTS RIVER NEAR ST. ANTHONY	02YA002	3
BAY DU NORD RIVER AT BIG FALLS	02ZF001	3
BIG BROOK AT LEAD COVE	02ZL005	4
BLANCHE BROOK NEAR STEPHENVILLE	02YJ002	4
BOOT BROOK AT TRANS-CANADA HIGHWAY	02YK008	5
BOTTOM CREEK NEAR ROCKY HARBOUR	02YH001	5
CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	03OE001	6
CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE	03OD005	6
CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS	03OE007	7
CHURCHILL RIVER BELOW GULL ISLAND RAPIDS	03OE006	7
CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS	03OE005	8
COME BY CHANCE RIVER NEAR GOOBIES	02ZH002	8
CORNER BROOK AT WATSONS BROOK POWERHOUSE	02YL002	9
EAGLE RIVER ABOVE FALLS	03OC001	9
EXPLOITS RIVER AT GRAND FALLS	02YD001	10
EXPLOITS RIVER BELOW NOEL PAULS BROOK	02YD011	10
EXPLOITS RIVER BELOW STONY BROOK	02YD005	11
GANDER RIVER AT BIG CHUTE	02YQ001	11
GARNISH RIVER NEAR GARNISH	02ZG001	12
GLIDE BROOK BELOW GLIDE LAKE	02YK007	12
GRANDY BROOK BELOW TOP POND BROOK	02ZC002	13
GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE	02YD008	13
GREAVETT BROOK ABOVE PORTLAND CREEK POND	02YE001	14
GREY RIVER NEAR GREY RIVER	02ZD002	14
HARRYS RIVER BELOW HIGHWAY BRIDGE	02YJ001	15
HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY	02ZA002	15
HINDS BROOK AT HINDS BROOK POWER HOUSE	02YK006	16
HUMBER RIVER AT GRAND LAKE OUTLET	02YK001	16
HUMBER RIVER AT HUMBER VILLAGE BRIDGE	02YL003	17
INDIAN BAY BROOK NEAR NORTHWEST ARM	02YR003	17
INDIAN BROOK AT INDIAN FALLS	02YM001	18
ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE	02ZB001	18
JUNCTION BROOK NEAR BADGER	02YD010	19
KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE	03NG001	19
LEARY BROOK AT PRINCE PHILIP DRIVE	02ZM020	20
LEARY BROOK AT ST. JOHN'S	02ZM017	20
LEECH BROOK NEAR GRAND FALLS	02YD007	21
LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE	02YK002	21
LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S	02ZA001	22
LITTLE BARACHOIS RIVER NEAR PLACENTIA	02ZK003	22
LITTLE CODROY RIVER NEAR DOYLES	02ZA003	23
LITTLE MECATINA RIVER ABOVE LAC FOURMONT	02XA003	23
LITTLE SALMONIER RIVER NEAR NORTH HARBOUR	02ZK004	24
LLOYDS RIVER BELOW KING GEORGE IV LAKE	02YN002	24
MAIN RIVER AT PARADISE POOL	02YG001	25
MIDDLE BROOK NEAR GAMBO	02YR001	25
MINIPI RIVER BELOW MINIPI LAKE	03OE003	26
MOBILE RIVER AT MOBILE FIRST POND	02ZM003	26
NASKAUPI RIVER BELOW NASKAUPI LAKE	03PB002	27
NORTH BROOK NEAR RED BAY	02XD002	27
NORTHEAST BROOK NEAR RODDICKTON	02YD002	28
NORTHEAST POND RIVER AT NORTHEAST POND	02ZM006	28
NORTHEAST RIVER NEAR PLACENTIA	02ZK002	29
NORTHWEST BROOK AT NORTHWEST POND	02ZN001	29
NORTHWEST GANDER RIVER NEAR GANDER LAKE	02YQ004	30
PETERS RIVER NEAR BOTWOOD	02YO006	30
PETTY HARBOUR RIVER AT SECOND POND	02ZM001	31
PIERRES BROOK AT GULL POND	02ZM002	31
PINCH GUT BROOK AT OUTLET OF PINCH GUT LAKE	02YJ003	32
PIPERS HOLE RIVER AT MOTHERS BROOK	02ZH001	32
RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR	02YR002	33
RATTLE BROOK NEAR BOAT HARBOUR	02ZG004	33
RATTLER BROOK NEAR MCIVERS	02YL005	34
RATTLING BROOK AT RATTLING BROOK POWERHOUSE	02YD003	34
RIVIERE JOIA NEAR PROVINCIAL BOUNDARY	02XA004	35
ROCKY RIVER NEAR COLINET	02ZK001	35
SALMON COVE RIVER NEAR CHAMPNEYS	02ZJ002	36
SALMON RIVER AT BAY D'ESPOIR POWERHOUSE	02ZE003	36
SALMONIER RIVER NEAR LAMALINE	02ZG003	37
SANDY BROOK AT SANDY BROOK POWERHOUSE	02YD004	37
SEAL COVE BROOK NEAR CAPPAHAYDEN	02ZM009	38
SHEARSTOWN BROOK AT SHEARSTOWN	02ZL004	38
SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY	02YK005	39
SHOAL ARM BROOK NEAR BADGER BAY	02YP001	39
SHOAL HARBOUR RIVER NEAR CLARENVILLE	02ZJ003	40
SOUTH BROOK AT PASADENA	02YL004	40
SOUTH BROOK AT PEARL TOWN ROAD	02ZM021	41
SOUTH RIVER NEAR HOLYROOD	02ZM016	41
SOUTH WEST BROOK NEAR BAIE VERTE	02YM003	42
SOUTHERN BAY RIVER NEAR SOUTHERN BAY	02ZJ001	42
SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK	02YS003	43
SPOUT COVE BROOK NEAR SPOUT COVE	02ZL003	43
ST. SHOTTS RIVER NEAR TREPASSEY	02ZN002	44
STE. GENEVIEVE RIVER NEAR FORRESTERS POINT	02YA001	44
TERRA NOVA AT GLOVERTOWN	02YS005	45
TIDES BROOK BELOW FRESHWATER POND	02ZG002	45
TORRENT RIVER AT BRISTOL'S POOL	02YC001	46
TROUT BROOK NEAR BELLEVUE	02ZK005	46
UGJOKTOK RIVER BELOW HARP LAKE	03NF001	47
UNKNOWN RIVER AT LEWISPORTE	02YO009	47
UPPER HUMBER RIVER NEAR REIDVILLE	02YL001	48
VIRGINIA RIVER AT CARTWRIGHT PLACE	02ZM019	48
VIRGINIA RIVER AT PLEASANTVILLE	02ZM018	49

NAME	STATION NO.	PAGE
WATERFORD RIVER AT KILBRIDE	02ZM008	49
WATERFORD RIVER AT MOUNT PEARL	02ZM010	50

NEW BRUNSWICK

NAME	STATION NO.	PAGE
AROOSTOOK RIVER NEAR TINKER	01AG003	51
BARNABY RIVER BELOW SEMIWAGAN RIVER	01BD003	51
BARTIBOG RIVER BELOW HIGHWAY NO. 8	01BD004	52
BASS RIVER AT BASS RIVER	01BL001	52
BECAGUIMEC STREAM AT COLDSTREAM	01AJ010	53
BIG PRESQUE ISLE STREAM AT TRACEY MILLS	01AJ004	53
BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING	01BL003	54
BURPEE MILLSTREAM NEAR FERNMOUNT	01AD009	54
CANAAN RIVER AT EAST CANAAN	01AP002	55
CASTAWAY STREAM NEAR CASTAWAY	01AN001	55
CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET	01AR012	56
COAL BRANCH RIVER AT BEERSVILLE	01BS001	56
COLD STREAM AT COLDSTREAM	01AJ011	57
DENNIS STREAM NEAR ST. STEPHEN	01AR006	57
EEL RIVER NEAR DUNDEE	01BJ012	58
EEL RIVER NEAR SCOTT SIDING	01AK008	58
FISH RIVER NEAR FORT KENT	01AE001	59
FOREST CITY STREAM BELOW FOREST CITY DAM	01AR011	59
FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT	01BK006	60
FRENCH LAKE AT LAKEVILLE CORNER	01AD010	60
GRAND FALLS FLOWAGE AT GRAND FALLS	01AR013	61
GRAND LAKE AT FOREST CITY	01AR009	61
GRAND LAKE AT NEWCASTLE CREEK	01AD003	62
GRANDE RIVIERE AT VIOLETTE BRIDGE	01AF007	62
GREEN RIVER NEAR RIVIERE-VERTE	01AF003	63
HAYDEN BROOK NEAR NARROWS MOUNTAIN	01AL003	63
JACQUET RIVER NEAR DURHAM CENTRE	01BJ003	64
JEMSEG RIVER AT JEMSEG	01AD004	64
KENNEBECASIS RIVER AT APOHAQUI	01AP004	65
KINNEAR RIVER NEAR HAUTE-ABOUJAGANE	01BT001	65
KOUCHIBOUGUAC RIVER NEAR VAUTOUR	01BR001	66
LAKE UTOPIA AT CANAL	01AQ009	66
LEPREAU RIVER AT LEPREAU	01AQ001	67
LIMESTONE STREAM AT FOUR FALLS	01AG002	67
LITTLE SOUTH BRANCH TOMOGONOPS RIVER BELOW 8 PIT	01BD003	68
LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON	01BP001	68
MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC	01AQ007	69
MAGAGUADAVIC RIVER AT ELMCROFT	01AQ002	69
MAMOZEKEL RIVER NEAR CAMPBELL RIVER	01AH005	70
MEDUXNEKEAG RIVER NEAR BELLEVILLE	01AJ003	70
MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM	01AK006	71
MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD	01AK005	71
MIDDLE RIVER NEAR BATHURST	01BJ010	72
NACKAWIC STREAM NEAR TEMPERANCE VALE	01AK007	72
NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN	01AL004	73
NASHWAAK RIVER AT DURHAM BRIDGE	01AL002	73
NASHWAAK RIVER AT STANLEY	01AL008	74
NEPISIGUIT RIVER AT NEPISIGUIT FALLS	01BK003	74
NEREPIS RIVER NEAR FOWLERS CORNER	01AP006	75
NIGADOO RIVER NEAR ALCIDA	01BJ011	75
NORTH BRANCH OROMOCTO RIVER AT TRACY	01AM001	76
NORTHWEST MIRAMICHI RIVER AT TROUT BROOK	01BQ001	76
PETITCODIAC RIVER NEAR PETITCODIAC	01BU002	77
PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN	01AQ008	77
POINT WOLFE RIVER AT FUNDY NATIONAL PARK	01BV006	78
RENOUS RIVER AT MCGRAW BROOK	01BO002	78
RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK	01BJ007	79
RESTIGOUCHE RIVER BELOW KEDGWICK RIVER	01BC001	79
RIVIERE CARAQUET AT BURNSVILLE	01BL002	80
SAINT JOHN RIVER AT EDMUNDSTON	01AD004	80
SAINT JOHN RIVER AT FORT KENT	01AD002	81
SAINT JOHN RIVER AT FREDERICTON	01AK003	81
SAINT JOHN RIVER AT GRAND FALLS	01AF002	82
SAINT JOHN RIVER AT HARTLAND SALMON POOL	01AJ008	82
SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION	01AK009	83
SAINT JOHN RIVER AT MAUGERVILLE	01AO002	83
SAINT JOHN RIVER AT OAK POINT	01AP003	84
SAINT JOHN RIVER AT SAINT JOHN	01AP005	84
SAINT JOHN RIVER AT SIMONDS	01AJ009	85
SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS	01AF008	85
SAINT JOHN RIVER BELOW MACTAQUAC	01AK004	86
SAINT JOHN RIVER NEAR EAST FLORENCEVILLE	01AJ001	86
SALMON RIVER AT CASTAWAY	01AN002	87
SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY	01AK001	87
SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE	01BO001	88
SPEDNIC LAKE AT ST. CROIX	01AR010	88
ST. CROIX RIVER AT BARING	01AR005	89
ST. CROIX RIVER AT VANCEBORO	01AR004	89
ST. FRANCIS RIVER AT OUTLET OF GLASIER LAKE	01AD003	90
TETAGOUCHE RIVER NEAR WEST BATHURST	01BJ001	90
TOBIQUE RIVER AT NARROWS	01AH004	91
TOBIQUE RIVER AT PLASTER ROCK	01AH003	91
TOBIQUE RIVER AT RILEY BROOK	01AH002	92
TURTLE CREEK AT TURTLE CREEK	01BU003	92
UPSALQUITCH RIVER AT UPSALQUITCH	01BE001	93
WALKER BROOK AT CAMPBELLTON	01BJ008	93

NOVA SCOTIA

NAME	STATION NO.	PAGE
ANNAPOLIS RIVER AT LAWRENCETOWN	01DC007	94
ANNAPOLIS RIVER AT WILMOT	01DC005	94

NAME	STATION NO	PAGE
BEAVERBANK RIVER NEAR KINSAC	01DG003	95
CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE	01EH006	95
CHETICAMP RIVER ABOVE ROBERT BROOK	01FC002	96
CHETICAMP RIVER BELOW ARTEMISE BROOK	01FC003	96
CLAM HARBOUR RIVER NEAR BIRCHTOWN	01ER001	97
EAST RIVER AT ST. MARGARETS BAY	01EH003	97
FRASER BROOK NEAR ARCHIBALD	01DH003	98
GOLD RIVER AT MOSHER'S FALLS	01EG002	98
GRAND RIVER AT LOCH LOMOND	01FH001	99
INDIAN BROOK AT INDIAN BROOK	01FE002	99
KEJIMKUJIK LAKE	01ED006	100
KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD	01DL001	100
LAHAVE RIVER AT WEST NORTHFIELD	01EF001	101
LAKE O'LAW BROOK AT EGYPT ROAD	01FB006	101
LISCOMB RIVER AT LISCOMB MILLS	01EN002	102
LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE	01EJ004	102
MACASKILLS BROOK NEAR BIRCH GROVE	01FJ002	103
MCINTOSH RUN AT HERRING COVE ROAD	01EJ005	103
MEDWAY RIVER AT CHARLESTON	01EE001	104
MERSEY RIVER BELOW GEORGE LAKE	01ED005	104
MERSEY RIVER BELOW MILL FALLS	01ED007	105
METEGHAN RIVER NEAR METEGHAN RIVER	01DA001	105
MIDDLE RIVER OF PICTOU AT ROCKLIN	01DP004	106
MOOSE PIT BROOK AT TUPPER LAKE	01EE005	106
MUSQUODOBOIT RIVER AT CRAWFORD FALLS	01EK001	107
NORTH LITTLE RIVER BELOW BEAVER DAM LAKE	01FA003	107
NORTH RIVER AT NORTH RIVER	01DH004	108
NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY	01FB001	108
PEMBROKE RIVER AT GLENBERVIE	01DG018	109
RIGHTS RIVER NEAR ANTIGONISH	01DR003	109
RIVER INHABITANTS AT GLENORA	01FA001	110
RIVER JOHN AT WELSFORD	01DD001	110
RODGERS BROOK NEAR JAKES LANDING	01ED008	111
ROSEWAY RIVER AT LOWER OHIO	01EC001	111
ROUND LAKE BROOK AT ROUND LAKE	01EE006	112
SACKVILLE RIVER AT BEDFORD	01EJ001	112
SALMON RIVER AT SALMON RIVER BRIDGE	01FJ001	113
SALMON RIVER AT UNION	01DH005	113
SHARPE BROOK AT LLOYDS	01DD004	114
SHUBENACADIE RIVER AT ENFIELD	01DG006	114
SOUTH RIVER AT ST. ANDREWS	01DR001	115
SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE	01FB003	115
ST. MARYS RIVER AT STILLWATER	01EO001	116
TUSKET RIVER AT WILSON'S BRIDGE	01EA003	116
WALLACE RIVER AT WENTWORTH CENTRE	01DN004	117
WESTFIELD RIVER NEAR NORTH BROOKFIELD	01EE004	117
WHITEBURN BROOK BELOW POLLOCK LAKE	01EE007	118

PRINCE EDWARD ISLAND

NAME	STATION NO	PAGE
BRUDENELL RIVER AT BRUDENELL	01CE004	118
CARRUTHERS BROOK NEAR ST. ANTHONY	01CA003	119
CLYDE RIVER NEAR CLYDE RIVER	01CC006	120
DUNK RIVER AT WALL ROAD	01CB002	120
EMERALD BROOK NEAR EMERALD	01CB006	121
MORELL RIVER AT BANGOR	01CD003	121
NORTH BROOK NEAR WALL ROAD	01CB005	122
WEST RIVER AT RIVERDALE	01CC005	122
WILMOT RIVER NEAR WILMOT VALLEY	01CB004	123
WINTER RIVER AT BRACKLEY WELLS PUMPING STATION	01CC003	123
WINTER RIVER NEAR SUFFOLK	01CC002	124

NEWFOUNDLAND AND LABRADOR

STATION NO	NAME	PAGE
02XA003	LITTLE MECATINA RIVER ABOVE LAC FOURMONT	23
02XA004	RIVIERE JOIR NEAR PROVINCIAL BOUNDARY	35
02XD002	NORTH BROOK NEAR RED BAY	27
02YA001	STE. GENEVIEVE RIVER NEAR FORRESTERS POINT	44
02YA002	BARTLETTS RIVER NEAR ST. ANTHONY	3
02YC001	TORRENT RIVER AT BRISTOL'S POOL	46
02YD002	NORTHEAST BROOK NEAR RODDICKTON	28
02YE001	GREAVETT BROOK ABOVE PORTLAND CREEK POND	14
02YG001	MAIN RIVER AT PARADISE POOL	25
02YH001	BOTTOM CREEK NEAR ROCKY HARBOUR	5
02YJ001	HARRYS RIVER BELOW HIGHWAY BRIDGE	15
02YJ002	BLANCHE BROCK NEAR STEPHENVILLE	4
02YJ003	PINCH GUT BROOK AT OUTLET OF PINCH GUT LAKE	32
02YK001	HUMBER RIVER AT GRAND LAKE OUTLET	16
02YK002	LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE	21
02YK005	SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY	39
02YK006	HINDS BROOK AT HINDS BROOK POWER HOUSE	16
02YK007	GLIDE BROOK BELOW GLIDE LAKE	12
02YK008	BOOT BROOK AT TRANS-CANADA HIGHWAY	5
02YL001	UPPER HUMBER RIVER NEAR REIDVILLE	48
02YL002	CORNER BROOK AT WATSONS BROOK POWERHOUSE	9
02YL003	HUMBER RIVER AT HUMBER VILLAGE BRIDGE	17
02YL004	SOUTH BROOK AT PASADENA	40
02YL005	RATTLER BROOK NEAR MCIVERS	34
02YM001	INDIAN BROOK AT INDIAN FALLS	18
02YM003	SOUTH WEST BROOK NEAR BAIE VERTE	42
02YN002	LLOYDS RIVER BELOW KING GEORGE IV LAKE	24
02YO001	EXPLOITS RIVER AT GRAND FALLS	10
02YO003	RATTLING BROOK AT RATTLING BROOK POWERHOUSE	34
02YO004	SANDY BROOK AT SANDY BROOK POWERHOUSE	37
02YO005	EXPLOITS RIVER BELOW STONY BROOK	11
02YO006	PETERS RIVER NEAR BOTWOOD	30
02YO007	LEECH BROOK NEAR GRAND FALLS	21
02YO008	GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE	13
02YO009	UNKNOWN RIVER AT LEWISPORTE	47
02YO010	JUNCTION BROOK NEAR BADGER	19
02YO011	EXPLOITS RIVER BELOW NOEL PAULS BROOK	10
02YP001	SHOAL ARM BROOK NEAR BADGER BAY	39
02YQ001	GANDER RIVER AT BIG CHUTE	11
02YQ004	NORTHWEST GANDER RIVER NEAR GANDER LAKE	30
02YR001	MIDDLE BROOK NEAR GAMBO	25
02YR002	RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR	33
02YR003	INDIAN BAY BROOK NEAR NORTHWEST ARM	17
02YS003	SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK	43
02YS005	TERRA NOVA AT GLOVERTOWN	45
02ZA001	LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S	22
02ZA002	HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY	15
02ZA003	LITTLE CODROY RIVER NEAR DOYLES	23
02ZB001	ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE	18
02ZC002	GRANDY BROOK BELOW TOP POND BROOK	13
02ZD002	GREY RIVER NEAR GREY RIVER	14
02ZE003	SALMON RIVER AT BAY D'ESPOIR POWERHOUSE	36
02ZF001	BAY DU NORD RIVER AT BIG FALLS	3
02ZG001	GARNISH RIVER NEAR GARNISH	12
02ZG002	TIDES BROOK BELOW FRESHWATER POND	45
02ZG003	SALMONIER RIVER NEAR LAMALINE	37
02ZG004	RATTLE BROOK NEAR BOAT HARBOUR	33
02ZH001	PIPERS HOLE RIVER AT MOTHERS BROOK	32
02ZH002	COME BY CHANCE RIVER NEAR GOOBIES	8
02ZJ001	SOUTHERN BAY RIVER NEAR SOUTHERN BAY	42
02ZJ002	SALMON COVE RIVER NEAR CHAMPNEYS	36
02ZJ003	SHOAL HARBOUR RIVER NEAR CLARENVILLE	40
02ZK001	ROCKY RIVER NEAR COLINET	35
02ZK002	NORTHEAST RIVER NEAR PLACENTIA	29
02ZK003	LITTLE BARACHOIS RIVER NEAR PLACENTIA	22
02ZK004	LITTLE SALMONIER RIVER NEAR NORTH HARBOUR	24
02ZK005	TROUT BROOK NEAR BELLEVUE	46
02ZL003	SPOUT COVE BROOK NEAR SPOUT COVE	43
02ZL004	SHEARSTOWN BROOK AT SHEARSTOWN	38
02ZL005	BIG BROOK AT LEAD COVE	4
02ZM001	PETTY HARBOUR RIVER AT SECOND POND	31
02ZM002	PIERRES BROOK AT GULL POND	31
02ZM003	MOBILE RIVER AT MOBILE FIRST POND	26
02ZM006	NORTHEAST POND RIVER AT NORTHEAST POND	28
02ZM008	WATERFORD RIVER AT KILBRIDE	49
02ZM009	SEAL COVE BROOK NEAR CAPPAHAYDEN	38
02ZM010	WATERFORD RIVER AT MOUNT PEARL	50
02ZM016	SOUTH RIVER NEAR HOLYROOD	41
02ZM017	LEARY BROOK AT ST. JOHN'S	20
02ZM018	VIRGINIA RIVER AT PLEASANTVILLE	49
02ZM019	VIRGINIA RIVER AT CARTWRIGHT PLACE	48
02ZM020	LEARY BROOK AT PRINCE PHILIP DRIVE	20
02ZM021	SOUTH BROOK AT PEARL TOWN ROAD	41
02ZN001	NORTHWEST BROOK AT NORTHWEST POND	29
02ZN002	ST. SHOTTS RIVER NEAR TREPASSEY	44
03NF001	UGJOKTOK RIVER BELOW HARP LAKE	47
03NG001	KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE	19
03OA001	ASHUANIPI RIVER AT MENIHEK RAPIDS	1
03OC006	ATIKONAK RIVER AT GABBRO LAKE	2
03OD005	CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE	6
03OD006	ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE	2
03OE001	CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	6
03OE003	MINIPI RIVER BELOW MINIPI LAKE	26
03OE005	CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS	8
03OE006	CHURCHILL RIVER BELOW GULL ISLAND RAPIDS	7
03OE007	CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS	7
03PB002	NASKAUPI RIVER BELOW NASKAUPI LAKE	27
03QC001	EAGLE RIVER ABOVE FALLS	9
03QC002	ALEXIS RIVER NEAR PORT HOPE SIMPSON	1

NEW BRUNSWICK

STATION NO	NAME	PAGE
01AD002	SAINT JOHN RIVER AT FORT KENT	81
01AD003	ST. FRANCIS RIVER AT OUTLET OF GLASIER LAKE	90
01AD004	SAINT JOHN RIVER AT EDMUNDSTON	80
01AE001	FISH RIVER NEAR FORT KENT	59
01AF002	SAINT JOHN RIVER AT GRAND FALLS	82
01AF003	GREEN RIVER NEAR RIVIERE-VERTE	63
01AF007	GRANDE RIVIERE AT VIOLETTE BRIDGE	62
01AF008	SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS	85
01AG002	LIMESTONE STREAM AT FOUR FALLS	67
01AG003	AROOSTOOK RIVER NEAR TINKER	51
01AH002	TOBIQUE RIVER AT RILEY BROOK	92
01AH003	TOBIQUE RIVER AT PLASTER ROCK	91
01AH004	TOBIQUE RIVER AT NARROWS	91
01AH005	MAMOZEKEL RIVER NEAR CAMPBELL RIVER	70

STATION NO.	NAME	PAGE
01AJ001	SAINT JOHN RIVER NEAR EAST FLORENCEVILLE	86
01AJ003	MEDUXNEKEAG RIVER NEAR BELLEVILLE	70
01AJ004	BIG PRESQUE ISLE STREAM AT TRACEY MILLS	53
01AJ008	SAINT JOHN RIVER AT HARTLAND SALMON POOL	82
01AJ009	SAINT JOHN RIVER AT SIMONDS	85
01AJ010	BECAGUIMEC STREAM AT COLDSTREAM	53
01AJ011	COLD STREAM AT COLDSTREAM	57
01AK001	SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY	87
01AK003	SAINT JOHN RIVER AT FREDERICTON	81
01AK004	SAINT JOHN RIVER BELOW MACTAQUAC	86
01AK005	MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD	71
01AK006	MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM	71
01AK007	NACKAWIC STREAM NEAR TEMPERANCE VALE	72
01AK008	EEL RIVER NEAR SCOTT SIDING	58
01AK009	SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION	83
01AL002	NASHWAAK RIVER AT DURHAM BRIDGE	73
01AL003	HAYDEN BROOK NEAR NARROWS MOUNTAIN	63
01AL004	NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN	73
01AL008	NASHWAAK RIVER AT STANLEY	74
01AM001	NORTH BRANCH OROMOCTO RIVER AT TRACY	76
01AN001	CASTAWAY STREAM NEAR CASTAWAY	55
01AN002	SALMON RIVER AT CASTAWAY	87
01AO002	SAINT JOHN RIVER AT MAUGERVILLE	83
01AO003	GRAND LAKE AT NEWCASTLE CREEK	82
01AO004	JEMSEG RIVER AT JEMSEG	64
01AO009	BURPEE MILLSTREAM NEAR FERNMOUNT	54
01AO010	FRENCH LAKE AT LAKEVILLE CORNER	80
01AP002	CANAAN RIVER AT EAST CANAAN	55
01AP003	SAINT JOHN RIVER AT OAK POINT	84
01AP004	KENNEBECASIS RIVER AT APOHAQUI	65
01AP005	SAINT JOHN RIVER AT SAINT JOHN	84
01AP006	NEREPIS RIVER NEAR FOWLERS CORNER	75
01AQ001	LEPREAU RIVER AT LEPREAU	67
01AQ002	MAGAGUADAVIC RIVER AT ELMCROFT	59
01AQ007	MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC	69
01AQ008	PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN	77
01AQ009	LAKE UTOPIA AT CANAL	66
01AR004	ST. CROIX RIVER AT VANCEBORO	89
01AR005	ST. CROIX RIVER AT BARING	89
01AR006	DENNIS STREAM NEAR ST. STEPHEN	57
01AR009	GRAND LAKE AT FOREST CITY	61
01AR010	SPEDNIC LAKE AT ST. CROIX	88
01AR011	FOREST CITY STREAM BELOW FOREST CITY DAM	59
01AR012	CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET	56
01AR013	GRAND FALLS FLOWAGE AT GRAND FALLS	61
01BC001	RESTIGOUCHE RIVER BELOW KEDGWICK RIVER	79
01BE001	UPSALQUITCH RIVER AT UPSALQUITCH	93
01BJ001	TETAGOUCHE RIVER NEAR WEST BATHURST	90
01BJ003	JACQUET RIVER NEAR DURHAM CENTRE	64
01BJ007	RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK	79
01BJ009	WALKER BROOK AT CAMPBELLTON	93
01BJ010	MIDDLE RIVER NEAR BATHURST	72
01BJ011	NIGADOO RIVER NEAR ALCIDA	75
01BJ012	EEL RIVER NEAR DUNDEE	58
01BK003	NEPISIGUIT RIVER AT NEPISIGUIT FALLS	74
01BK006	FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT	60
01BL001	BASS RIVER AT BASS RIVER	52
01BL002	RIVIERE CARAQUET AT BURNSVILLE	80
01BL003	BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING	54
01BO001	SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE	88
01BO002	RENOUS RIVER AT MCGRAW BROOK	78
01BO003	BARNABY RIVER BELOW SEMIWAGAN RIVER	51
01BO004	BARTIBOG RIVER BELOW HIGHWAY NO. 8	52
01BP001	LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON	88
01BQ001	NORTHWEST MIRAMICHI RIVER AT TROUT BROOK	76
01BQ003	LITTLE SOUTH BRANCH TOMOGONOPS RIVER BELOW 8 PIT	68
01BR001	KOUCHIBOUGUAC RIVER NEAR VAUTOUR	66
01BS001	COAL BRANCH RIVER AT BEERSVILLE	56
01BT001	KINNEAR RIVER NEAR HAUTE-ABOUJAGANE	65
01BU002	PETITCODIAC RIVER NEAR PETITCODIAC	77
01BU003	TURTLE CREEK AT TURTLE CREEK	92
01BV006	POINT WOLFE RIVER AT FUNDY NATIONAL PARK	78

NOVA SCOTIA

STATION NO.	NAME	PAGE
01DA001	METEGHAN RIVER NEAR METEGHAN RIVER	105
01DC005	ANNAPOLIS RIVER AT WILMOT	94
01DC007	ANNAPOLIS RIVER AT LAWRENCETOWN	94
01DD004	SHARPE BROOK AT LLOYDS	114
01DG003	BEAVERBANK RIVER NEAR KINSAC	95
01DG006	SHUBENACADIE RIVER AT ENFIELD	114
01DG018	PEMBROKE RIVER AT GLENBERVIE	109
01DH003	FRASER BROOK NEAR ARCHIBALD	98
01DH004	NORTH RIVER AT NORTH RIVER	108
01DH005	SALMON RIVER AT UNION	113
01DL001	KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD	100
01DN004	WALLACE RIVER AT WENTWORTH CENTRE	117
01DO001	RIVER JOHN AT WELSFORD	110
01DP004	MIDDLE RIVER OF PICTOU AT ROCKLIN	106
01DR001	SOUTH RIVER AT ST. ANDREWS	115
01DR003	RIGHTS RIVER NEAR ANTIGONISH	109
01EA003	TUSKET RIVER AT WILSON'S BRIDGE	116
01EC001	ROSEWAY RIVER AT LOWER OHIO	111
01ED005	MERSEY RIVER BELOW GEORGE LAKE	104
01ED006	KEJIMKUJIK LAKE	100
01ED007	MERSEY RIVER BELOW MILL FALLS	105
01ED009	RODGERS BROOK NEAR JAKES LANDING	111
01EE001	MEDWAY RIVER AT CHARLESTON	104
01EE004	WESTFIELD RIVER NEAR NORTH BROOKFIELD	117
01EE005	MOOSE PIT BROOK AT TUPPER LAKE	106
01EE006	ROUND LAKE BROOK AT ROUND LAKE	112
01EE007	WHITEBURN BROOK BELOW POLLOCK LAKE	118
01EF001	LAHAVE RIVER AT WEST NORTHFIELD	101
01EG002	GOLD RIVER AT MOSHER'S FALLS	98
01EH003	EAST RIVER AT ST. MARGARETS BAY	97
01EH006	CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE	95
01EJ001	SACKVILLE RIVER AT BEDFORD	112
01EJ004	LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE	102
01EJ006	MCINTOSH RUN AT HERRING COVE ROAD	103
01EK001	MUSQUODOBOIT RIVER AT CRAWFORD FALLS	107
01EN002	LISCOMB RIVER AT LISCOMB MILLS	102
01EO001	ST. MARYS RIVER AT STILLWATER	116
01ER001	CLAM HARBOUR RIVER NEAR BIRCHTOWN	97
01FA001	RIVER INHABITANTS AT GLENORA	110
01FA003	NORTH LITTLE RIVER BELOW BEAVER DAM LAKE	107
01FB001	NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY	108
01FB003	SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE	115
01FB006	LAKE O'LAW BROOK AT EGYPT ROAD	101
01FC002	CHETICAMP RIVER ABOVE ROBERT BROOK	98

STATION NO.	NAME	PAGE
01FC003	CHETICAMP RIVER BELOW ARTEMISE BROOK	95
01FE002	INDIAN BROOK AT INDIAN BROOK	99
01FH001	GRAND RIVER AT LOCH LOMOND	89
01FJ001	SALMON RIVER AT SALMON RIVER BRIDGE	113
01FJ002	MACASKILLS BROOK NEAR BIRCH GROVE	103
	PRINCE EDWARD ISLAND	
01CA003	CARRUTHERS BROOK NEAR ST. ANTHONY	119
01CB002	DUNK RIVER AT WALL ROAD	120
01CB004	WILMOT RIVER NEAR WILMOT VALLEY	123
01CB005	NORTH BROOK NEAR WALL ROAD	122
01CB006	EMERALD BROOK NEAR EMERALD	121
01CC002	WINTER RIVER NEAR SUFFOLK	124
01CC003	WINTER RIVER AT BRACKLEY WELLS PUMPING STATION	123
01CC005	WEST RIVER AT RIVERDALE	122
01CC008	CLYDE RIVER NEAR CLYDE RIVER	120
01CD003	MORELL RIVER AT BANGOR	121
01CE004	BRUDENELL RIVER AT BRUDENELL	119